

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034787.D
 Acq On : 28 Mar 2023 12:26
 Operator : JC/MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Mar 28 15:18:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/30/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.903	128	24889	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	179250	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	190022	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	73213	30.615	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.033%			
60) 4-Bromofluorobenzene	11.079	95	105264	27.723	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.400%			
63) Toluene-d8	8.647	98	196618	30.447	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5740	2.432	ug/l	97
3) Chloromethane	1.294	50	8481	2.771	ug/l	95
4) Vinyl Chloride	1.373	62	8478	2.807	ug/l	98
5) Bromomethane	1.617	94	6407	3.225	ug/l	95
6) Chloroethane	1.690	64	5474	2.785	ug/l	99
7) Trichlorofluoromethane	1.892	101	13353	2.776	ug/l	97
8) Diethyl Ether	2.136	74	5125	2.959	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	6697	2.744	ug/l	96
10) 1,1-Dichloroethene	2.324	96	6607	2.674	ug/l	96
11) Methyl Iodide	2.453	142	7031	2.235	ug/l	93
12) Methyl Acetate	2.709	43	14393	2.631	ug/l	97
13) Acrolein	2.239	56	8538	13.458	ug/l	95
14) Acrylonitrile	3.068	53	19479	12.930	ug/l	98
15) Acetone	2.398	58	6066	14.831	ug/l	80
16) Carbon Disulfide	2.513	76	15829	2.505	ug/l	99
17) Allyl chloride	2.666	41	12596	2.635	ug/l	98
18) Methylene Chloride	2.788	84	8545	2.936	ug/l	94
19) trans-1,2-Dichloroethene	3.087	96	7485	2.769	ug/l	95
20) Diisopropyl ether	3.757	45	25677	2.622	ug/l #	83
21) 1,1-Dichloroethane	3.611	63	13431	2.565	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	8084	2.568	ug/l	96
23) tert-Butyl Alcohol	3.013	59	10035m	14.805	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	24441	2.662	ug/l	95
25) Chloroform	5.098	83	13942	2.617	ug/l	95
26) Cyclohexane	5.470	56	12490	2.722	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	10245	2.485	ug/l	98
30) 2-Butanone	4.568	43	28150	12.243	ug/l #	86
31) 2,2-Dichloropropane	4.464	77	9943	2.378	ug/l #	82
32) 1,1,1-Trichloroethane	5.379	97	10815	2.236	ug/l #	75
33) Carbon Tetrachloride	5.671	117	8923	2.235	ug/l #	90
34) Benzene	6.037	78	30361	2.534	ug/l #	92
35) Methacrylonitrile	4.928	41	5334	2.120	ug/l	90
36) 1,2-Dichloroethane	6.092	62	11732	2.498	ug/l #	91
37) Trichloroethene	7.128	130	7822	2.565	ug/l	100
38) Methylcyclohexane	7.378	83	11747	2.608	ug/l	99
39) 1,2-Dichloropropane	7.433	63	7558	2.427	ug/l	92
40) Dibromomethane	7.586	93	4751	2.221	ug/l	93
41) Bromodichloromethane	7.824	83	8783	2.180	ug/l #	87
42) Vinyl Acetate	3.721	43	83966	11.194	ug/l	100

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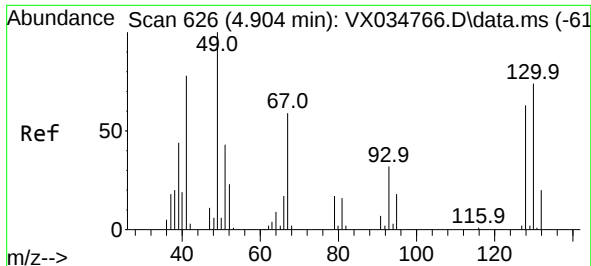
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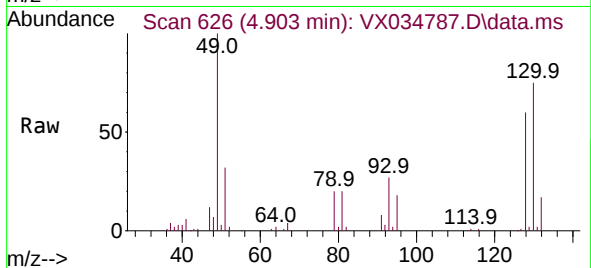
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	4214	0.945	ug/l #	74
44) Isopropyl Acetate	6.342	43	17231	2.283	ug/l	94
45) 1,4-Dioxane	7.714	88	4140m	55.358	ug/l	
46) Methyl methacrylate	7.695	41	8285	2.253	ug/l	95
47) n-amyl Acetate	10.847	43	11679	1.780	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	7945	1.810	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	9349	1.938	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	7416	2.488	ug/l	96
51) Ethyl methacrylate	9.116	69	10160	2.100	ug/l	97
52) 1,3-Dichloropropane	9.311	76	13123	2.493	ug/l	100
53) Dibromochloromethane	9.524	129	5508	1.868	ug/l	94
54) 1,2-Dibromoethane	9.610	107	7256	2.276	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	27791	10.917	ug/l	99
56) Bromoform	10.799	173	3240	1.594	ug/l #	99
58) 4-Methyl-2-Pentanone	8.573	43	52773	12.113	ug/l	99
59) 2-Hexanone	9.433	43	38133	11.625	ug/l	98
61) Tetrachloroethene	9.274	164	7120	2.781	ug/l	94
62) Toluene	8.720	91	32137	2.586	ug/l	97
64) Chlorobenzene	10.079	112	19410	2.537	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	5999	2.193	ug/l	99
66) Ethyl Benzene	10.195	91	35053	2.533	ug/l	98
67) m/p-Xylenes	10.305	106	25803	4.900	ug/l	97
68) o-Xylene	10.640	106	12924	2.482	ug/l	99
69) Styrene	10.658	104	18587	2.165	ug/l	98
70) Isopropylbenzene	10.963	105	33289	2.470	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	10531	2.377	ug/l	95
72) 1,2,3-Trichloropropane	11.238	75	9077m	2.251	ug/l	
73) Bromobenzene	11.201	156	8344	2.578	ug/l	97
74) n-propylbenzene	11.305	91	36675	2.338	ug/l	99
75) 2-Chlorotoluene	11.366	91	23782	2.432	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	25917	2.285	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	1821	1.470	ug/l	60
78) 4-Chlorotoluene	11.457	91	25074	2.236	ug/l	94
79) tert-butylbenzene	11.713	119	24096	2.225	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	25670	2.277	ug/l	99
81) sec-Butylbenzene	11.890	105	30904	2.355	ug/l	100
82) p-Isopropyltoluene	12.012	119	24513	2.214	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	14959	2.447	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	15358	2.502	ug/l	95
85) n-Butylbenzene	12.335	91	20259	2.123	ug/l	98
86) Hexachloroethane	12.536	117	2815	1.552	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	14912	2.493	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1587	1.639	ug/l	91
89) 1,2,4-Trichlorobenzene	13.591	180	8212	2.289	ug/l	99
90) Hexachlorobutadiene	13.725	225	3912	2.827	ug/l	96
91) Naphthalene	13.780	128	27170	2.143	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	8421	2.348	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

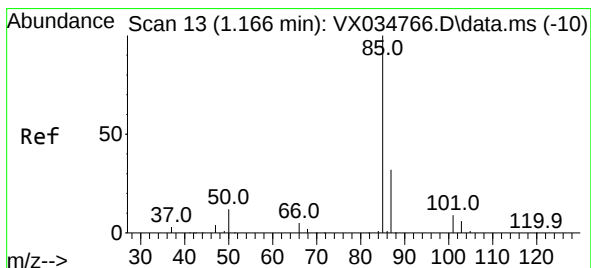
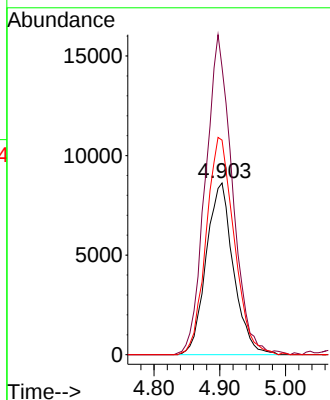
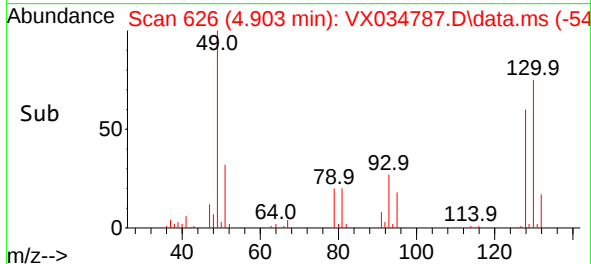
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:128 Resp: 24889
Ion Ratio Lower Upper
128 100
49 183.4 0.0 428.8
130 130.0 0.0 310.8

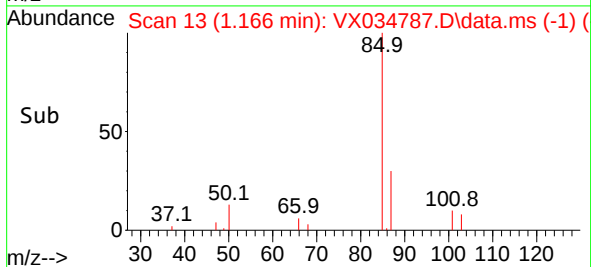
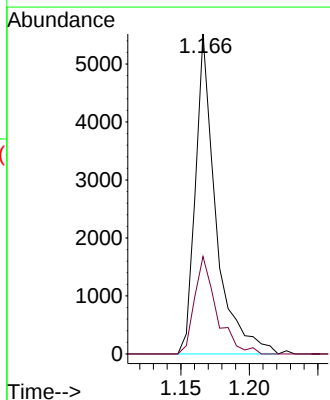
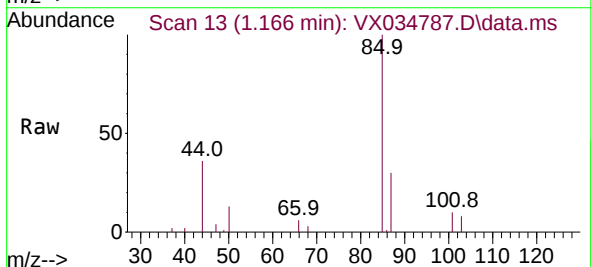
Manual Integrations
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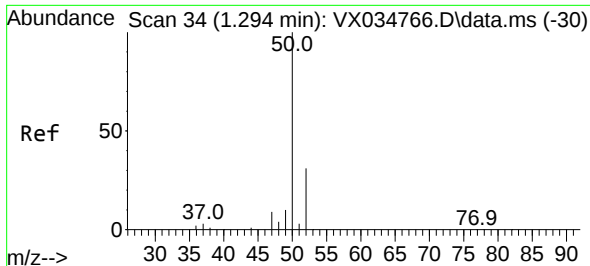
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#2
Dichlorodifluoromethane
Concen: 2.432 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

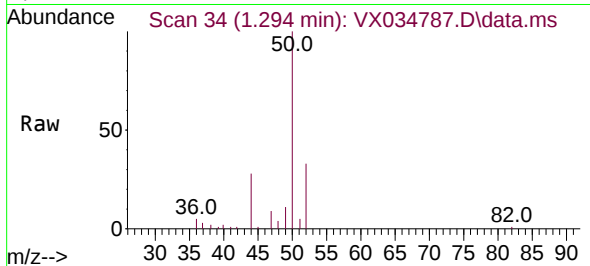
Tgt Ion: 85 Resp: 5740
Ion Ratio Lower Upper
85 100
87 30.4 16.0 48.0





#3
Chloromethane
Concen: 2.771 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

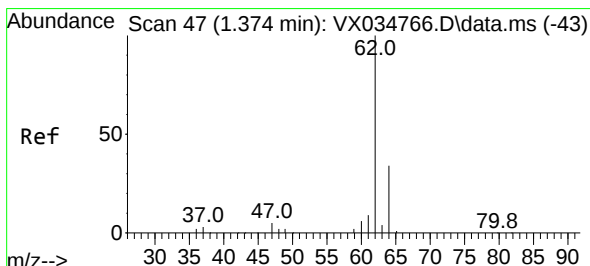
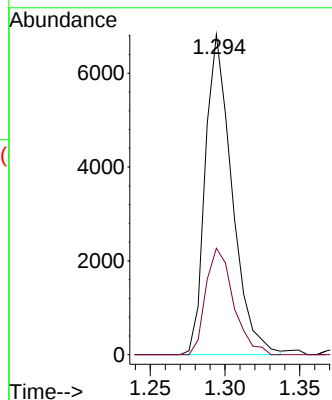
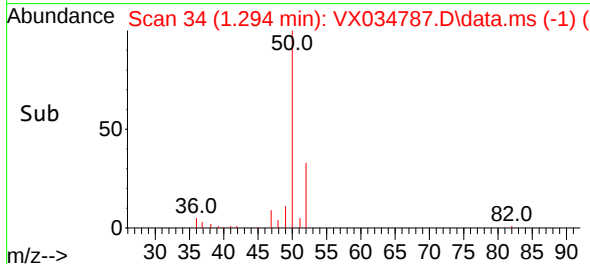
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 50 Resp: 848
Ion Ratio Lower Upper
50 100
52 33.3 24.6 36.8

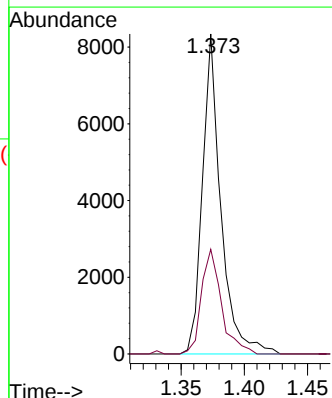
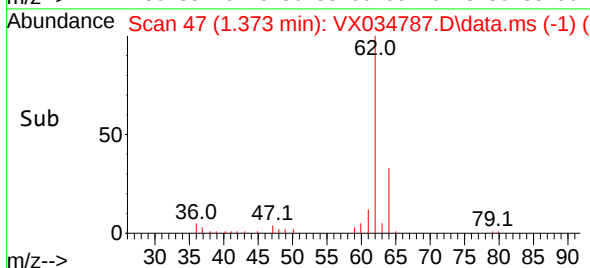
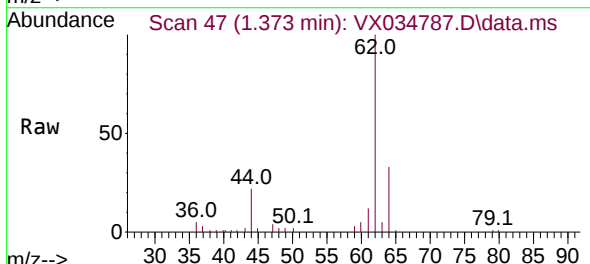
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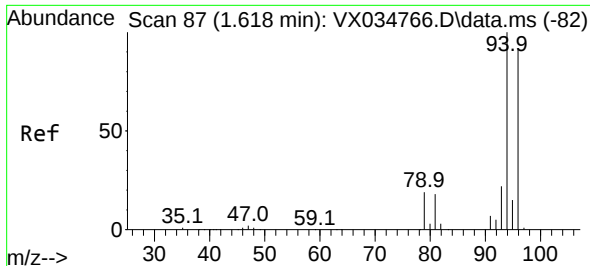
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#4
Vinyl Chloride
Concen: 2.807 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

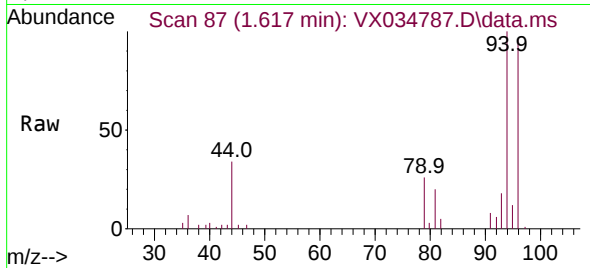
Tgt Ion: 62 Resp: 8478
Ion Ratio Lower Upper
62 100
64 32.7 26.9 40.3





#5
Bromomethane
Concen: 3.225 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

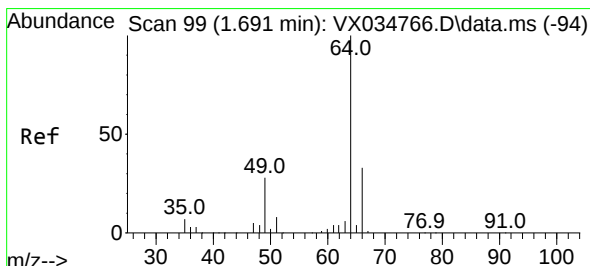
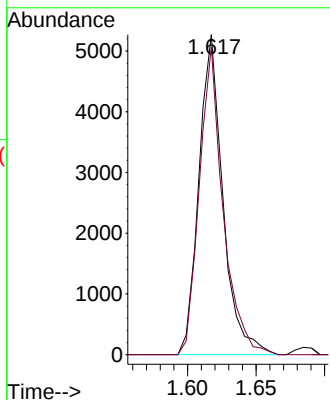
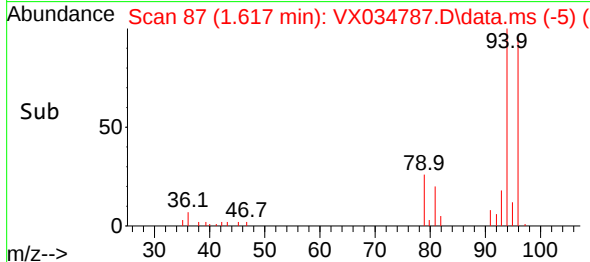
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 94 Resp: 640
Ion Ratio Lower Upper
94 100
96 96.2 73.4 110.0

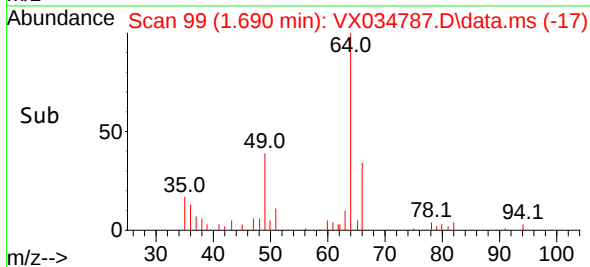
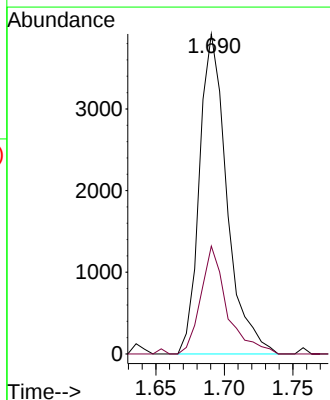
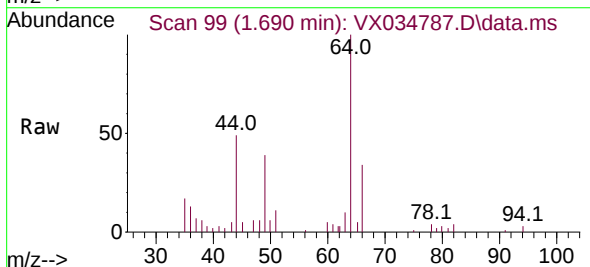
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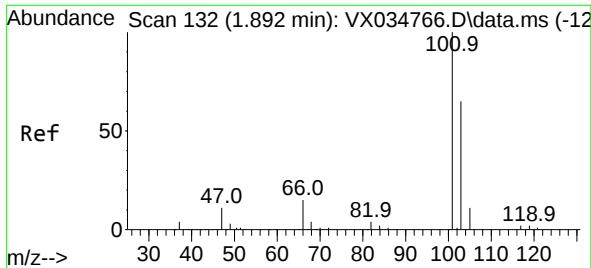
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#6
Chloroethane
Concen: 2.785 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

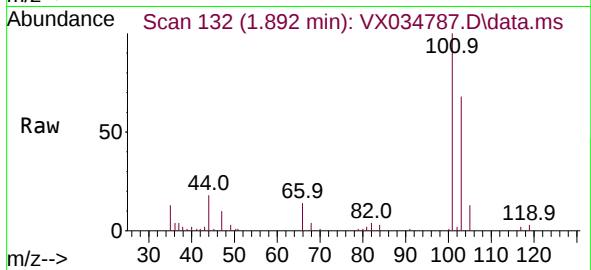
Tgt Ion: 64 Resp: 5474
Ion Ratio Lower Upper
64 100
66 33.7 26.6 40.0





#7
Trichlorofluoromethane
Concen: 2.776 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

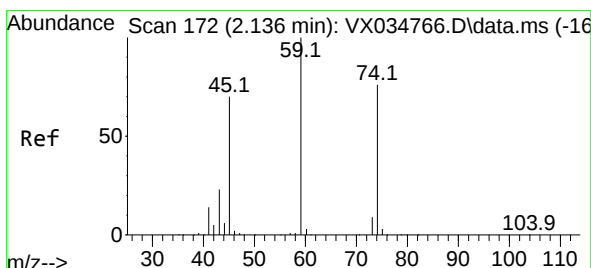
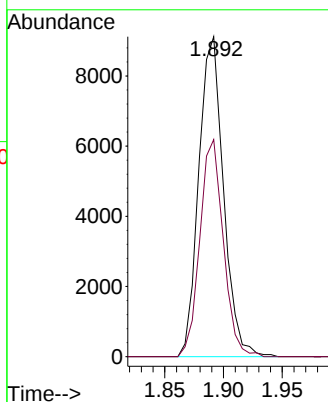
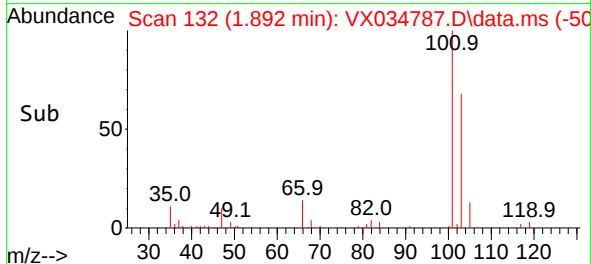
Instrument :
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Tgt Ion:101 Resp: 1335
Ion Ratio Lower Upper
101 100
103 67.9 52.1 78.1

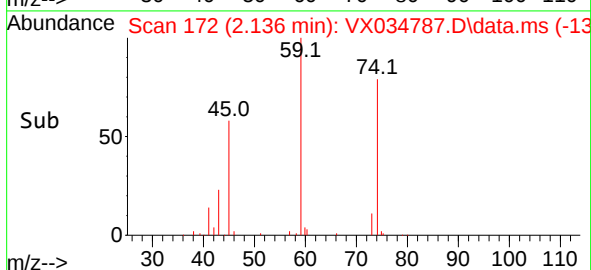
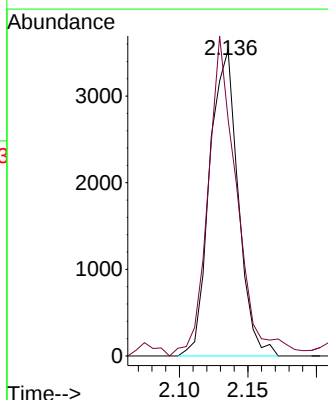
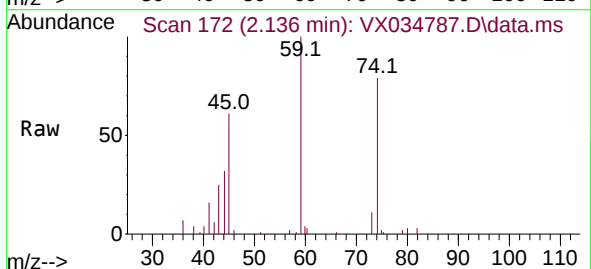
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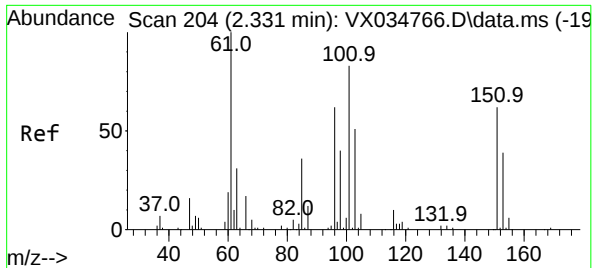
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#8
Diethyl Ether
Concen: 2.959 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 74 Resp: 5125
Ion Ratio Lower Upper
74 100
45 102.1 20.5 184.5





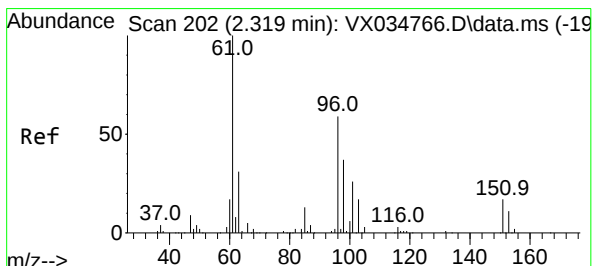
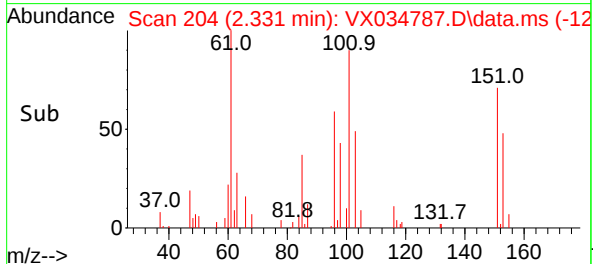
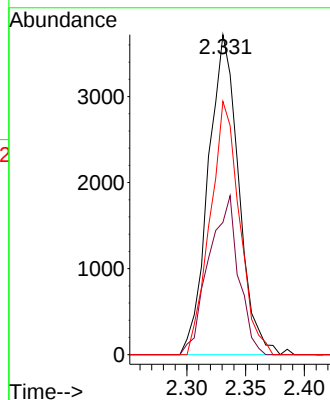
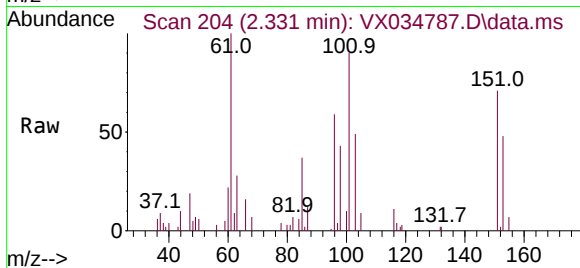
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1,1,2-Trichlorotrifluoroethane
Concen: 2.744 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 101 Resp: 669
Ion Ratio Lower Upper
101 100
85 48.7 0.0 88.8
151 76.4 0.0 147.6

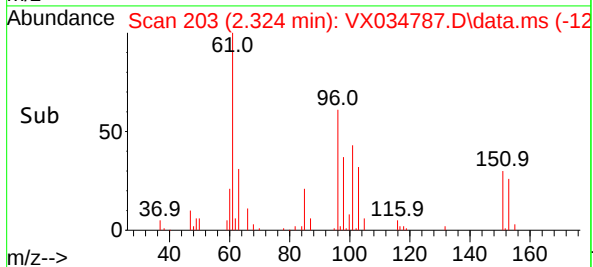
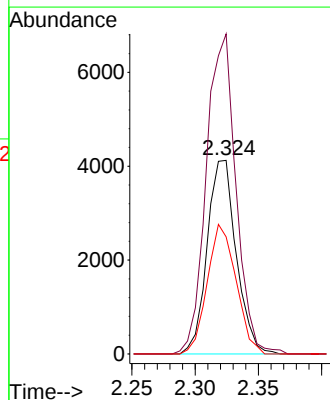
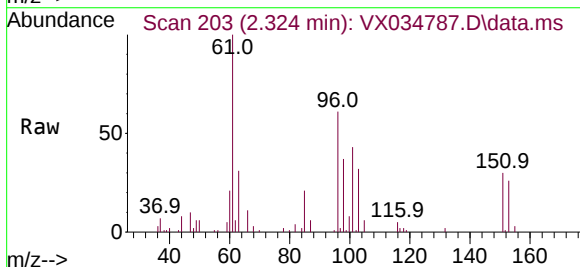
Manual Integrations
APPROVED

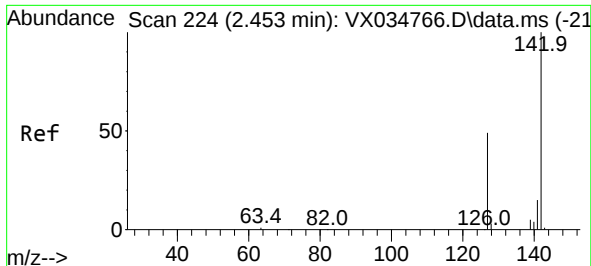
Reviewed By : John Carlone 03/30/2023
Supervised By : Semsettin Yesilyurt 03/29/2023



#10
1,1-Dichloroethene
Concen: 2.674 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

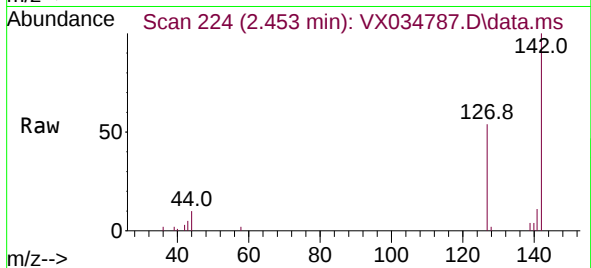
Tgt Ion: 96 Resp: 6607
Ion Ratio Lower Upper
96 100
61 163.7 135.8 203.6
98 60.5 49.8 74.6





#11
Methyl Iodide
Concen: 2.235 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

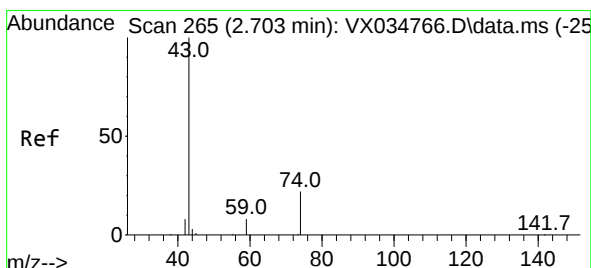
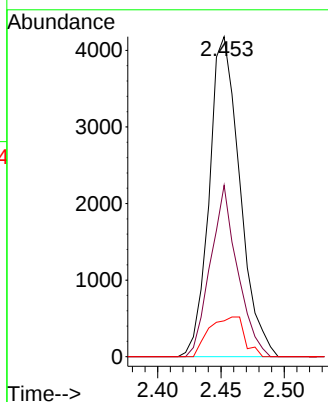
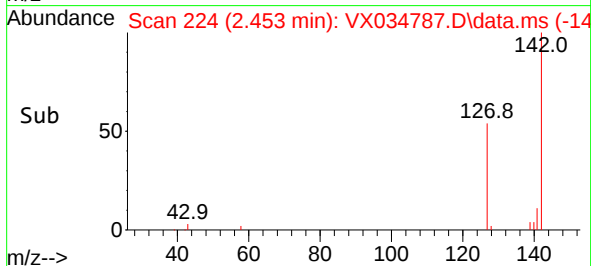
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:142 Resp: 703
Ion Ratio Lower Upper
142 100
127 53.6 24.5 73.5
141 11.2 7.6 22.8

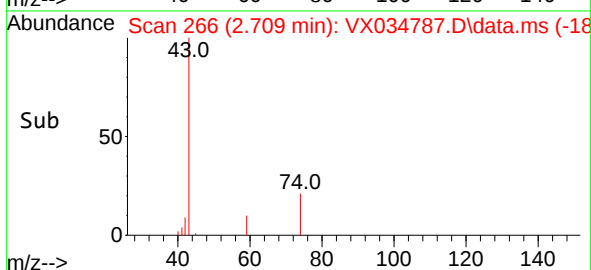
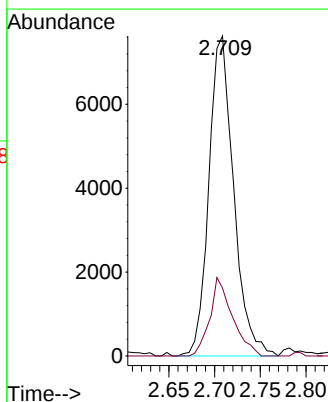
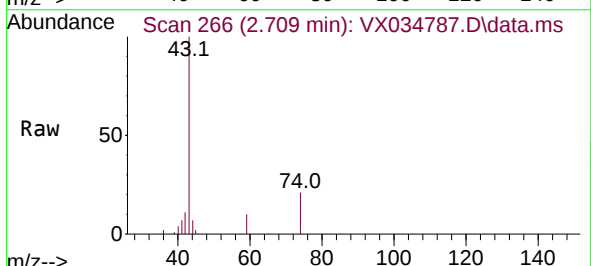
Manual Integrations
APPROVED

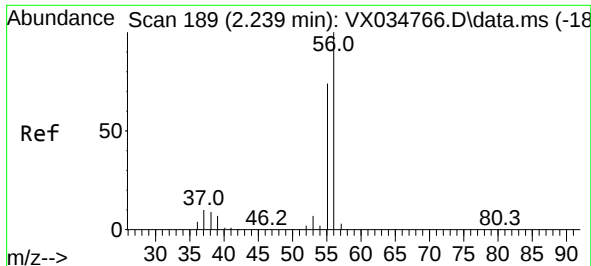
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#12
Methyl Acetate
Concen: 2.631 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

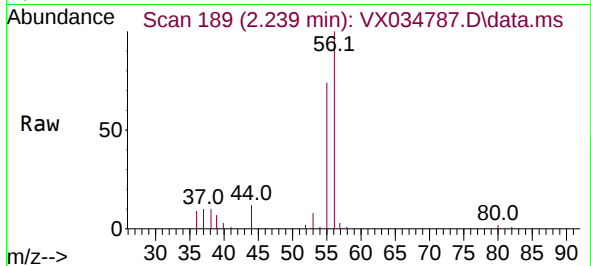
Tgt Ion: 43 Resp: 14393
Ion Ratio Lower Upper
43 100
74 21.2 18.0 27.0





#13
Acrolein
Concen: 13.458 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

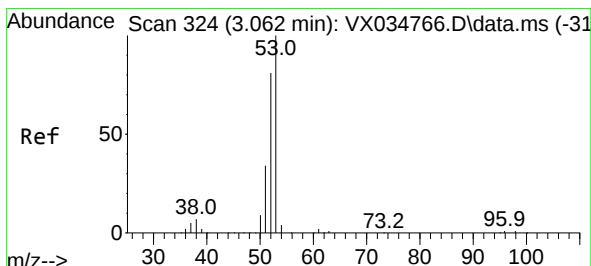
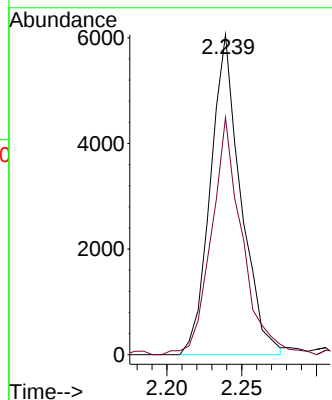
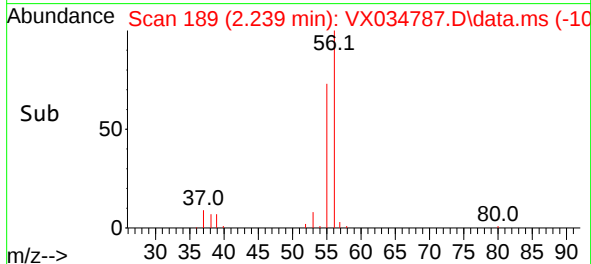
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 56 Resp: 8538
Ion Ratio Lower Upper
56 100
55 75.0 56.6 85.0

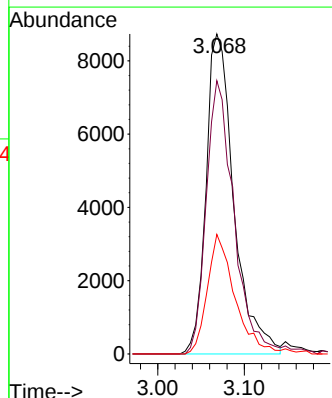
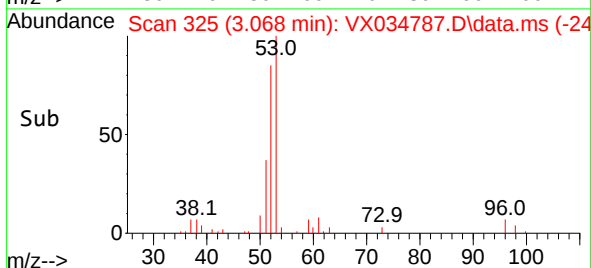
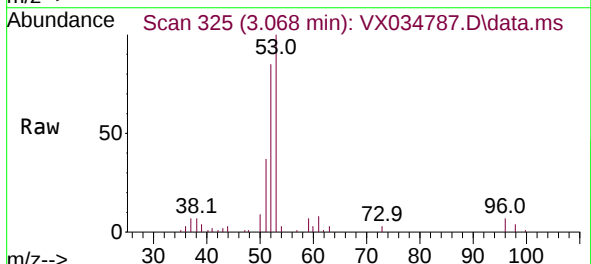
Manual Integrations
APPROVED

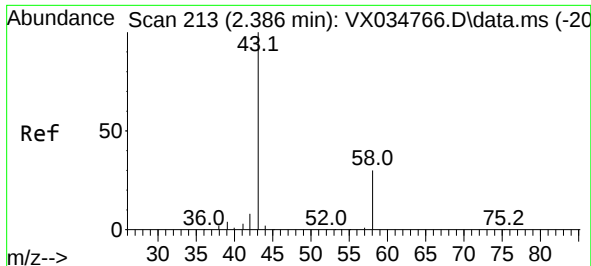
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#14
Acrylonitrile
Concen: 12.930 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 53 Resp: 19479
Ion Ratio Lower Upper
53 100
52 84.8 41.3 123.7
51 36.2 17.9 53.7





#15

Acetone

Concen: 14.831 ug/l

RT: 2.398 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 58 Resp: 606

Ion Ratio Lower Upper

58 100

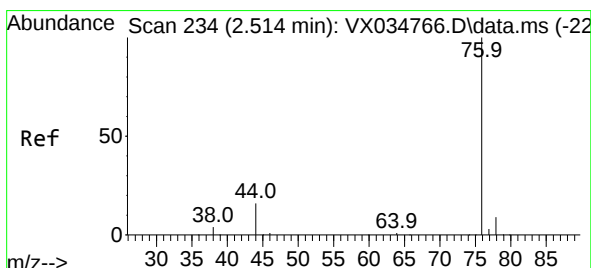
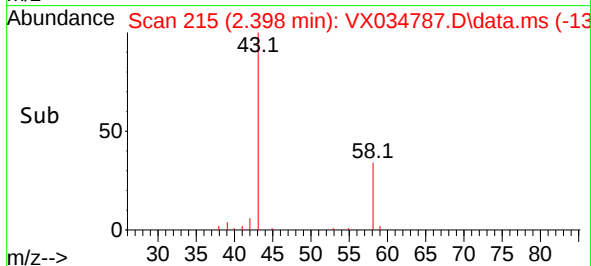
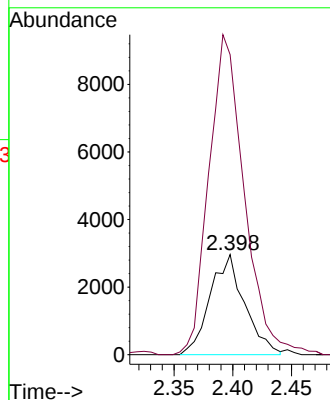
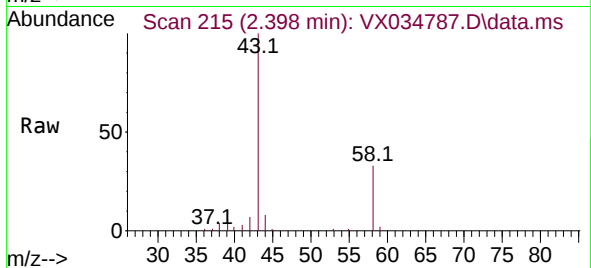
43 296.5 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#16

Carbon Disulfide

Concen: 2.505 ug/l

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034787.D

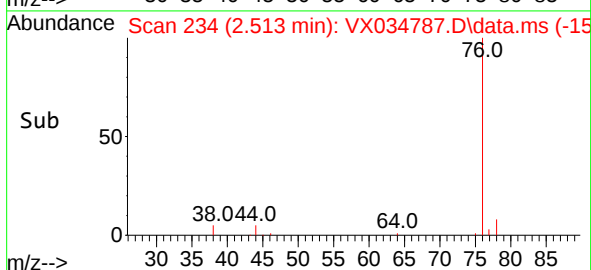
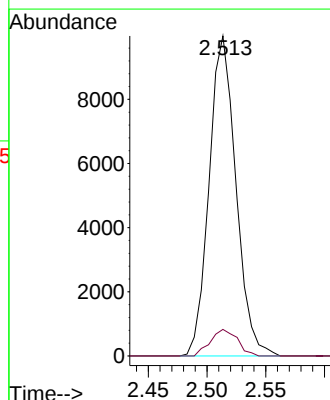
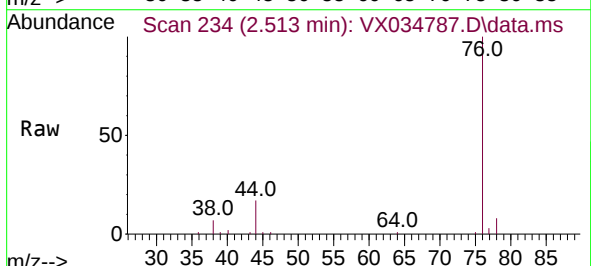
Acq: 28 Mar 2023 12:26

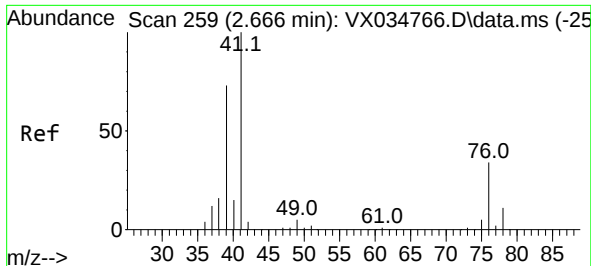
Tgt Ion: 76 Resp: 15829

Ion Ratio Lower Upper

76 100

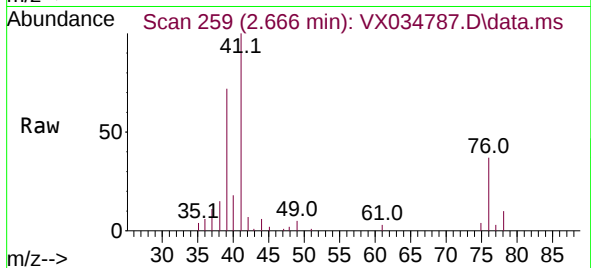
78 8.3 7.0 10.6





#17
Allyl chloride
Concen: 2.635 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

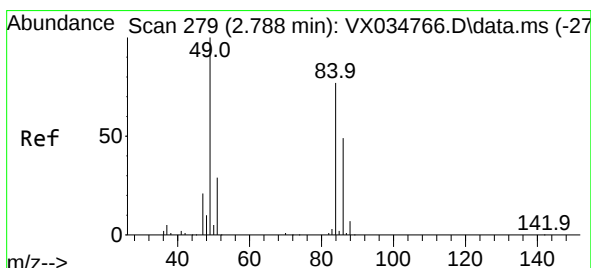
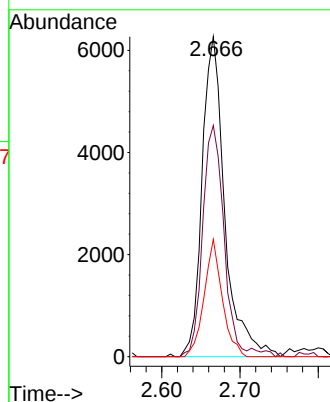
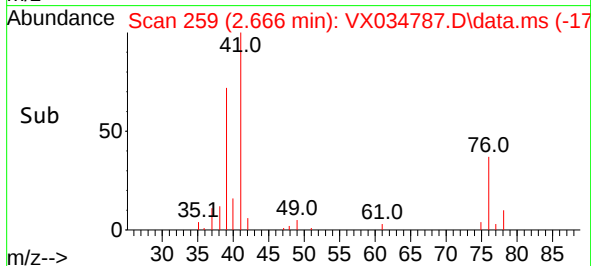
Instrument : MSVOA_X
Client Sample Id : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 12590
Ion Ratio Lower Upper
41 100
39 72.2 36.4 109.3
76 36.6 17.0 51.0

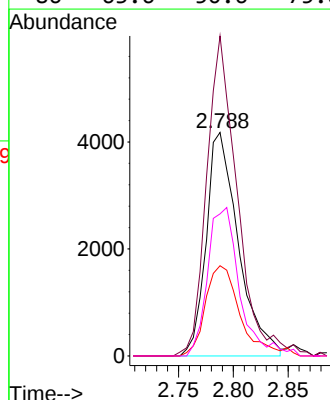
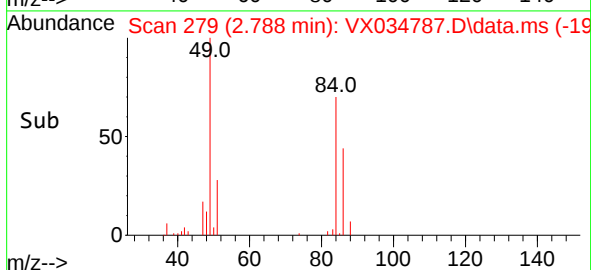
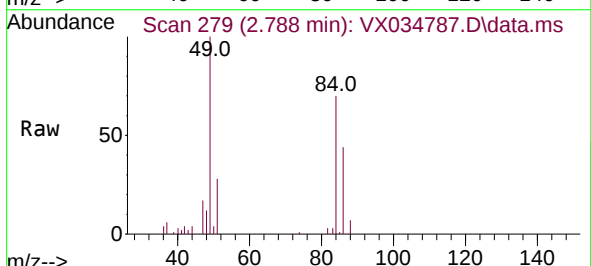
Manual Integrations
APPROVED

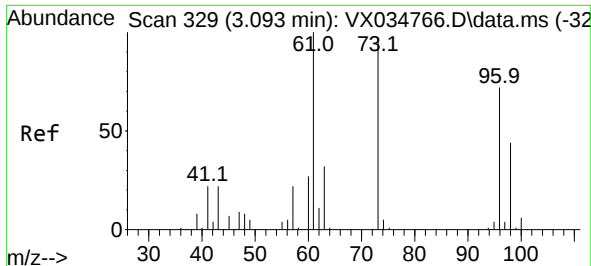
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#18
Methylene Chloride
Concen: 2.936 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 84 Resp: 8545
Ion Ratio Lower Upper
84 100
49 141.5 103.9 155.9
51 40.4 30.6 45.8
86 63.6 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 2.769 ug/l

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX034787.D

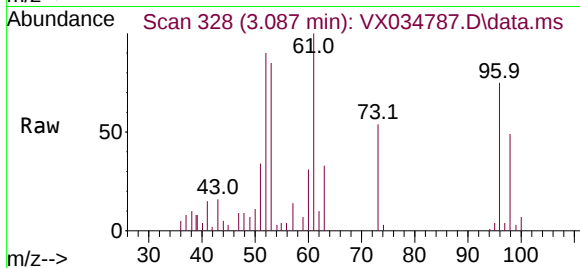
Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 96 Resp: 748

Ion Ratio Lower Upper

96 100

61 133.5 111.1 166.7

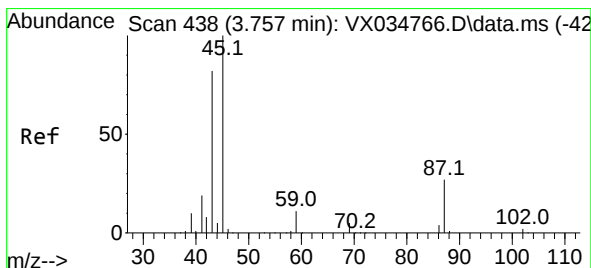
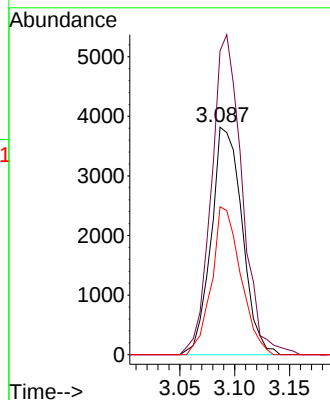
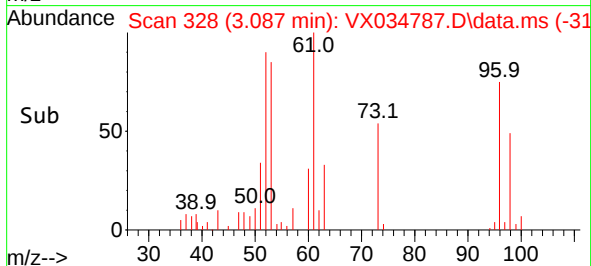
98 65.0 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#20

Diisopropyl ether

Concen: 2.622 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Tgt Ion: 45 Resp: 25677

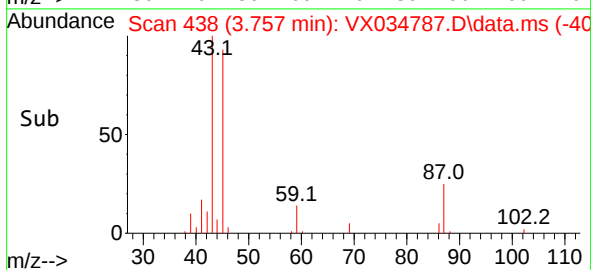
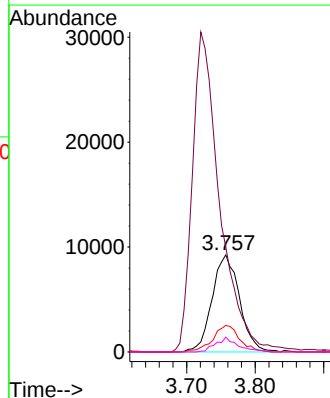
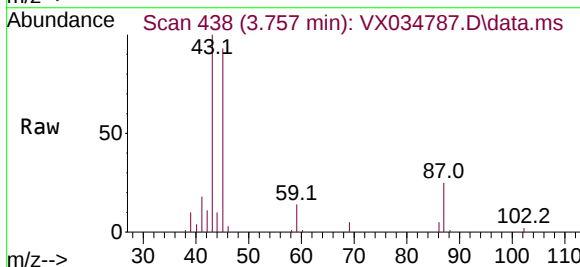
Ion Ratio Lower Upper

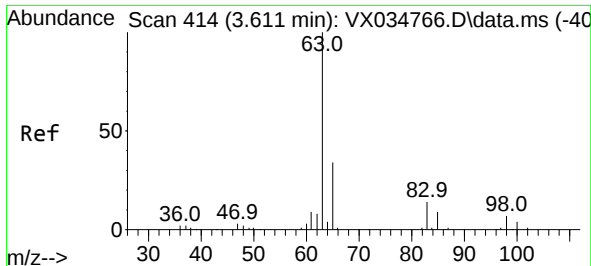
45 100

43 103.1 66.0 99.0#

87 27.3 21.8 32.6

59 15.3 8.7 13.1#





#21

1,1-Dichloroethane

Concen: 2.565 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

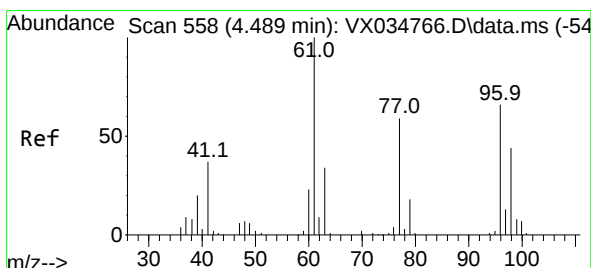
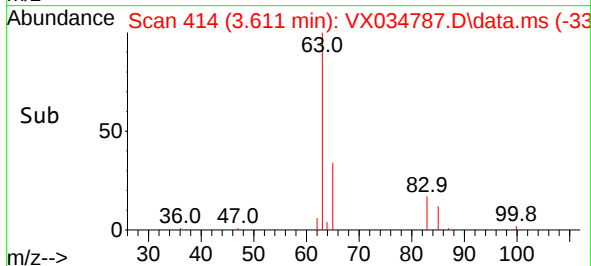
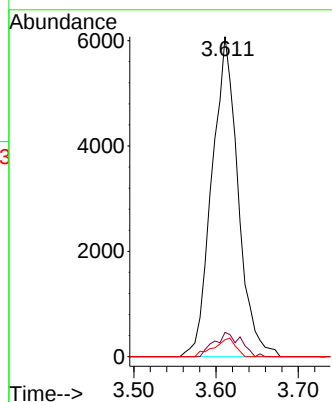
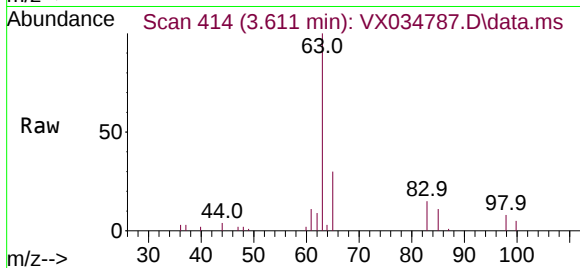
Tgt Ion: 63	Resp: 1343
Ion Ratio	Lower Upper
63 100	
98 7.6	3.5 10.6
100 5.3	2.2 6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#22

cis-1,2-Dichloroethene

Concen: 2.568 ug/l

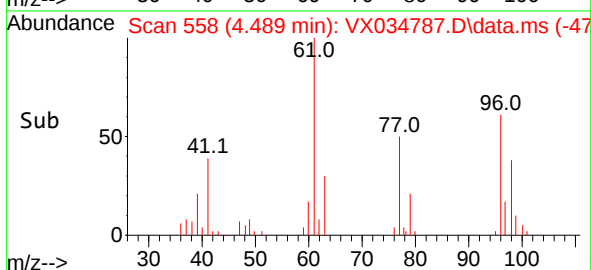
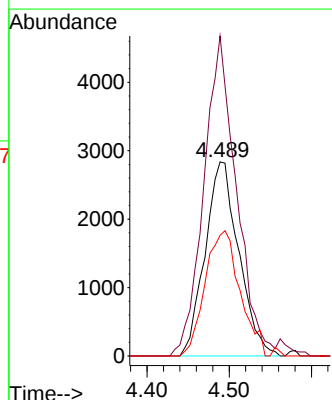
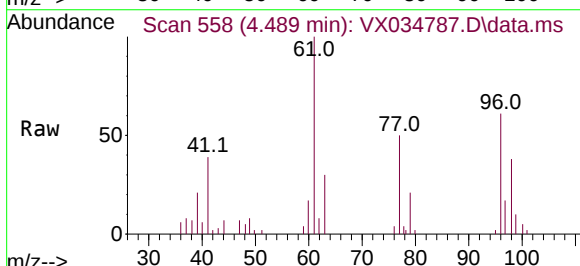
RT: 4.489 min Scan# 558

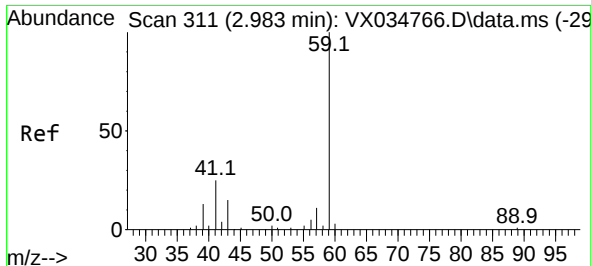
Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Tgt Ion: 96	Resp: 8084
Ion Ratio	Lower Upper
96 100	
61 159.0	121.7 182.5
98 66.7	52.2 78.2





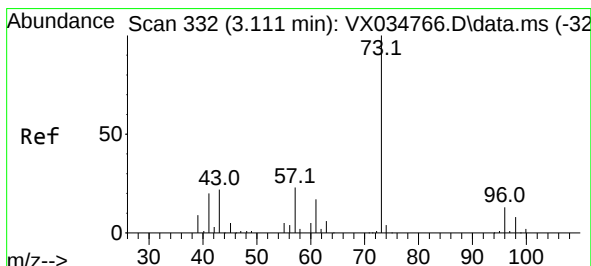
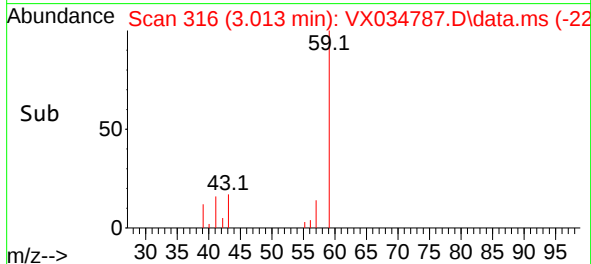
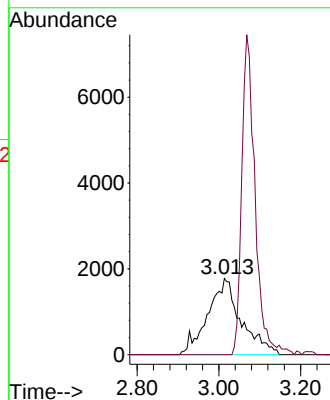
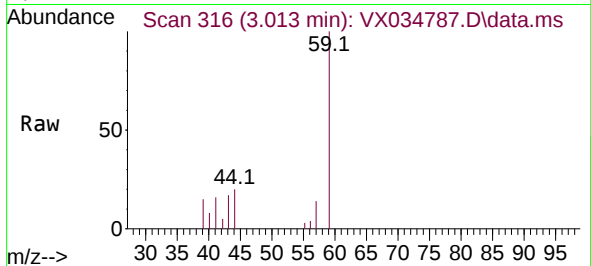
#23
tert-Butyl Alcohol
Concen: 14.805 ug/l m
RT: 3.013 min Scan# 311
Delta R.T. 0.030 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 59 Resp: 1003
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

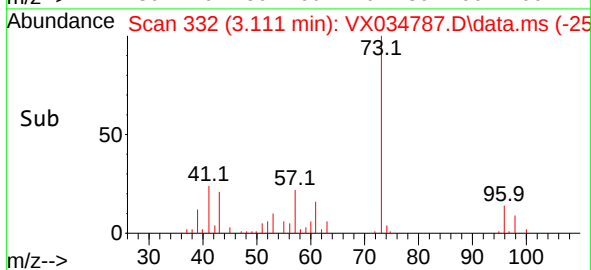
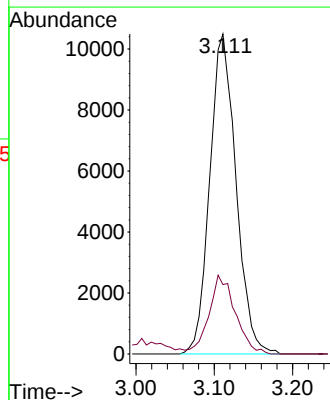
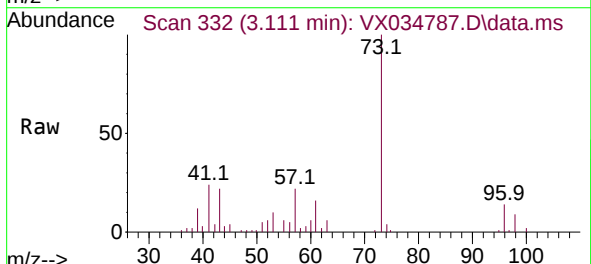
Manual Integrations
APPROVED

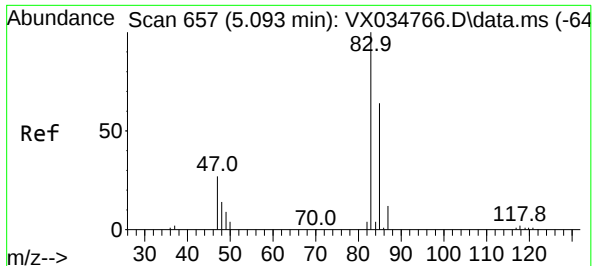
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#24
Methyl tert-Butyl Ether
Concen: 2.662 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 73 Resp: 24441
Ion Ratio Lower Upper
73 100
43 24.7 17.9 26.9





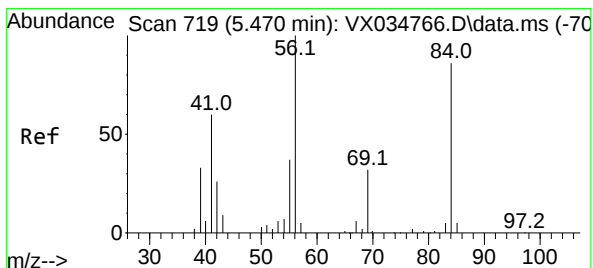
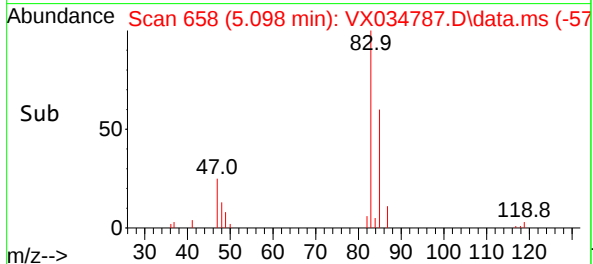
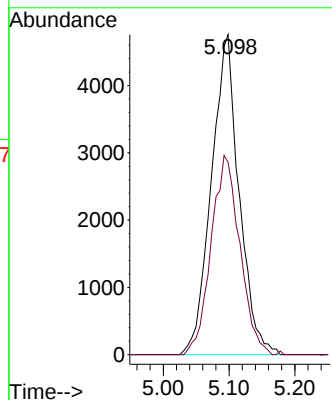
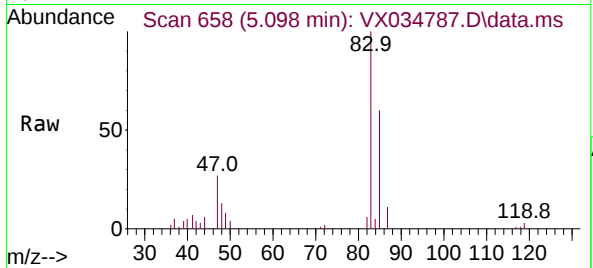
#25
Chloroform
Concen: 2.617 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 1394
Ion Ratio Lower Upper
83 100
85 60.1 51.2 76.8

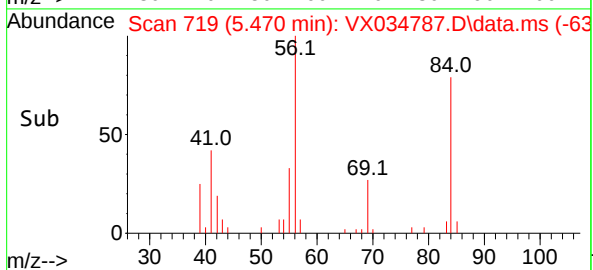
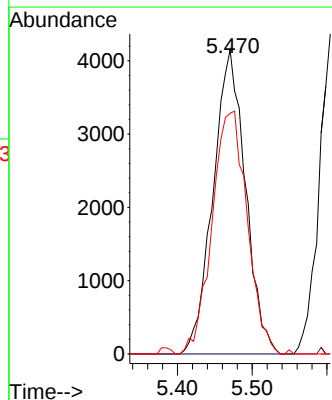
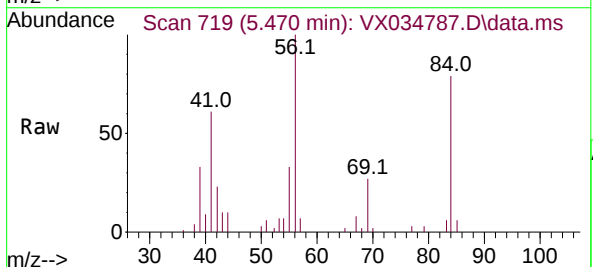
Manual Integrations
APPROVED

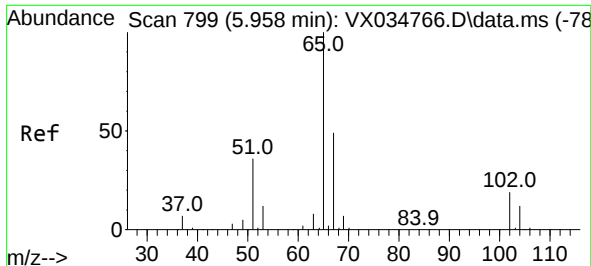
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#26
Cyclohexane
Concen: 2.722 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 56 Resp: 12490
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 30.615 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 65 Resp: 7321

Ion Ratio Lower Upper

65 100

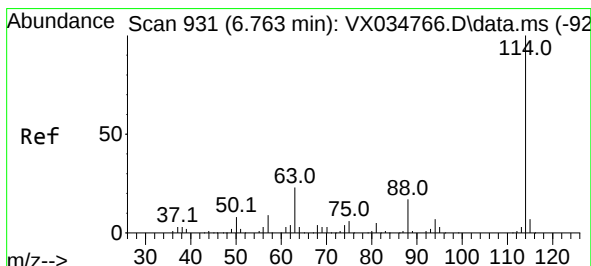
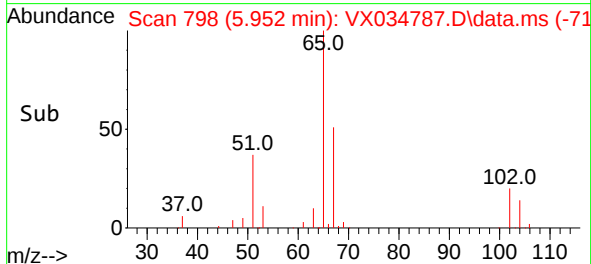
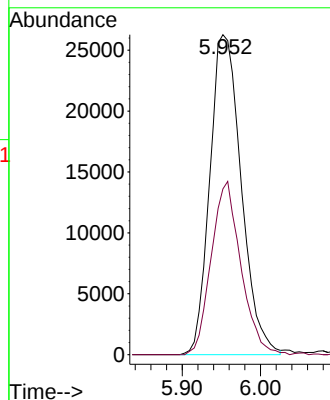
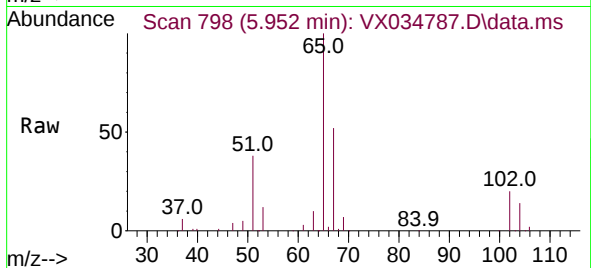
67 51.0 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

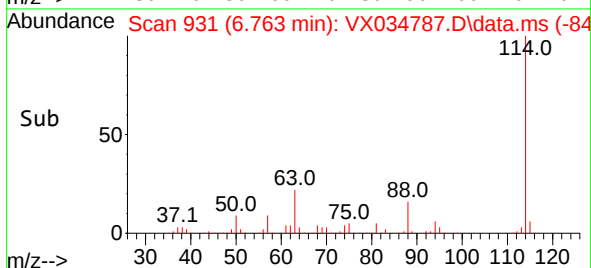
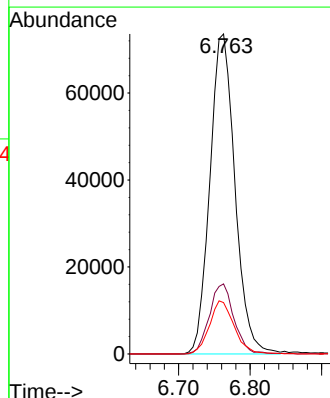
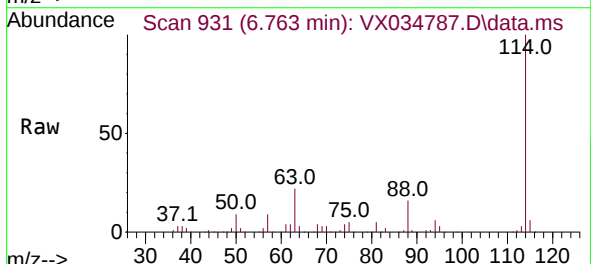
Tgt Ion:114 Resp: 179250

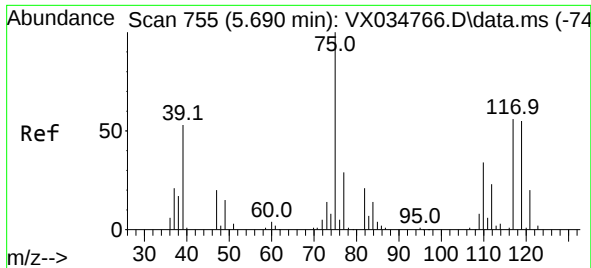
Ion Ratio Lower Upper

114 100

63 21.1 18.0 27.0

88 16.4 13.3 19.9





#29
1,1-Dichloropropene
Concen: 2.485 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

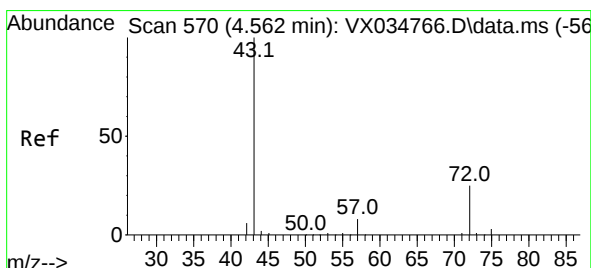
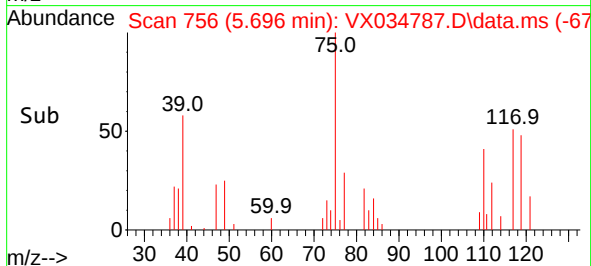
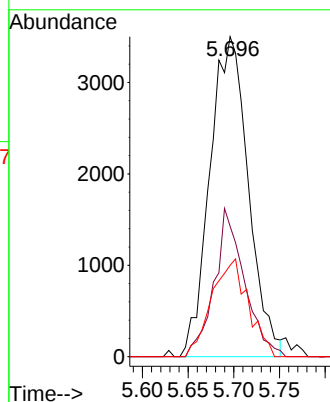
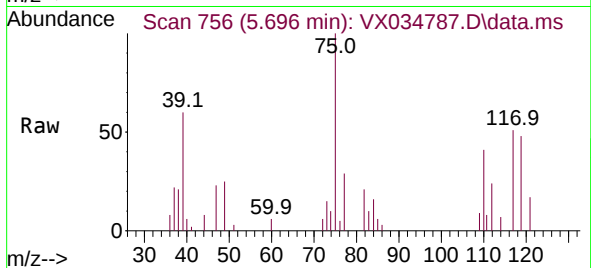
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 75 Resp: 1024

Ion	Ratio	Lower	Upper
75	100		
110	36.2	0.0	71.4
77	29.0	0.0	61.6

Manual Integrations
APPROVED

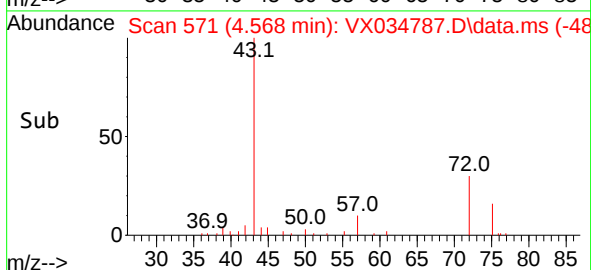
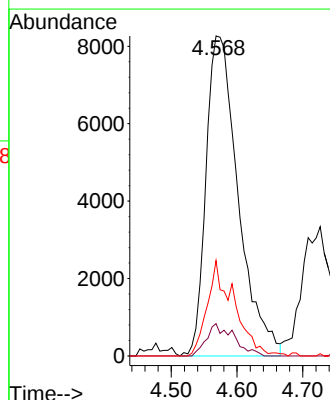
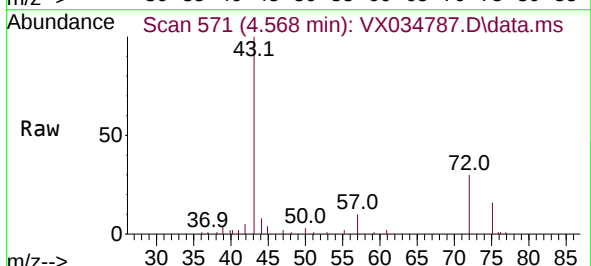
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

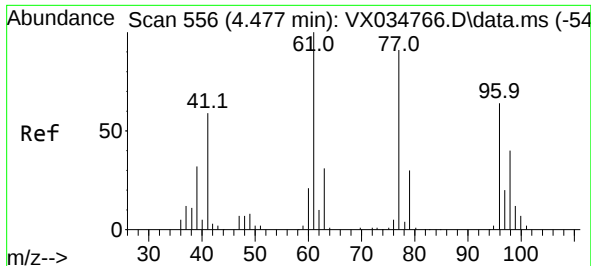


#30
2-Butanone
Concen: 12.243 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 43 Resp: 28150

Ion	Ratio	Lower	Upper
43	100		
57	5.9	6.3	9.5#
72	16.1	19.6	29.4#





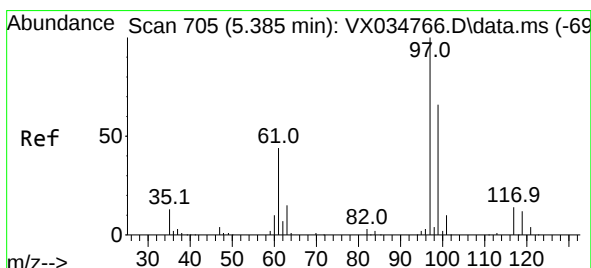
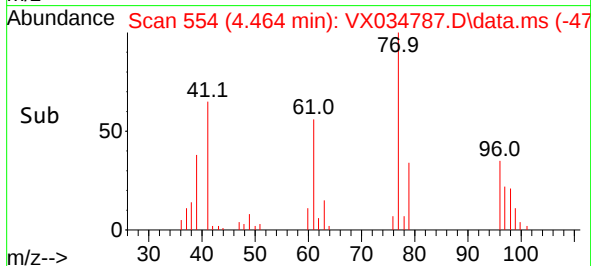
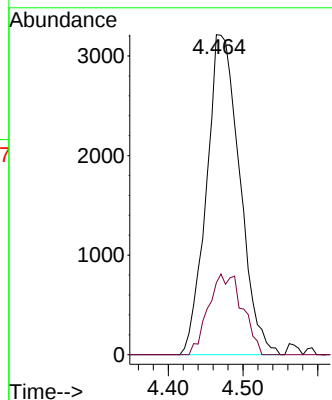
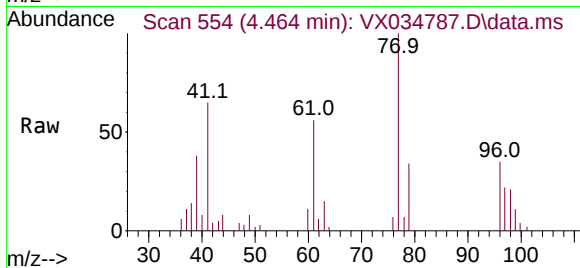
#31
2,2-Dichloropropane
Concen: 2.378 ug/l
RT: 4.464 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 994
Ion Ratio Lower Upper
77 100
97 14.0 18.2 27.4

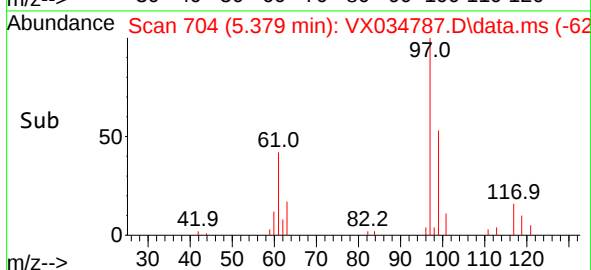
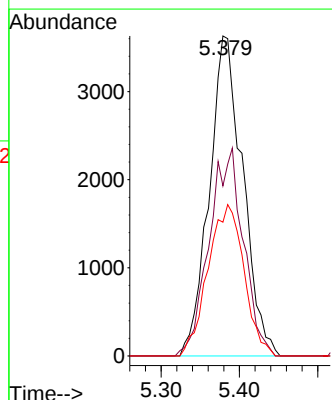
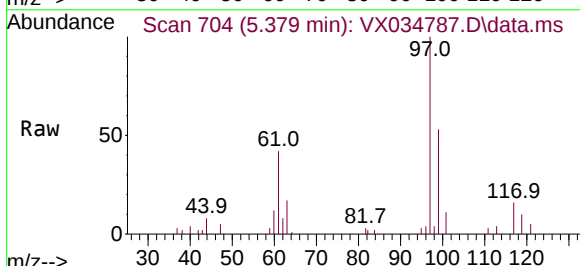
Manual Integrations
APPROVED

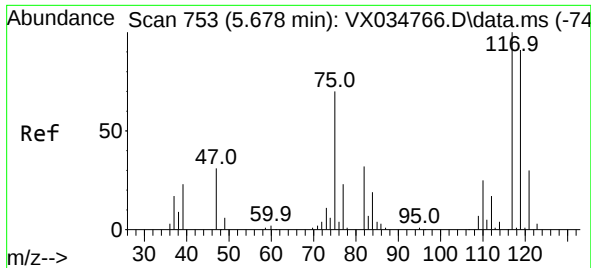
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#32
1,1,1-Trichloroethane
Concen: 2.236 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

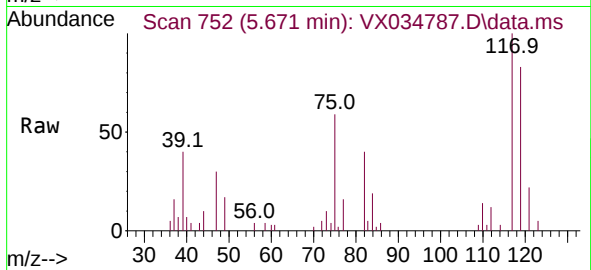
Tgt Ion: 97 Resp: 10815
Ion Ratio Lower Upper
97 100
99 34.7 51.3 76.9#
61 50.8 36.6 55.0





#33
Carbon Tetrachloride
Concen: 2.235 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

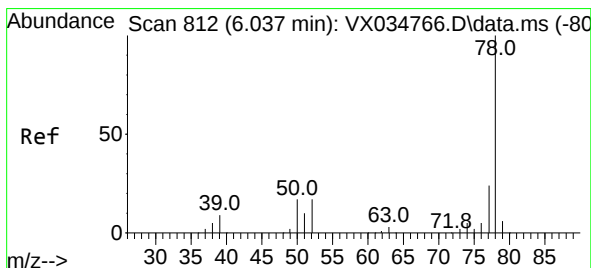
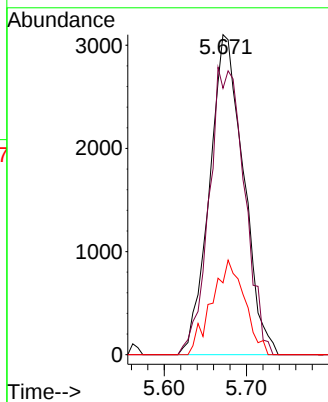
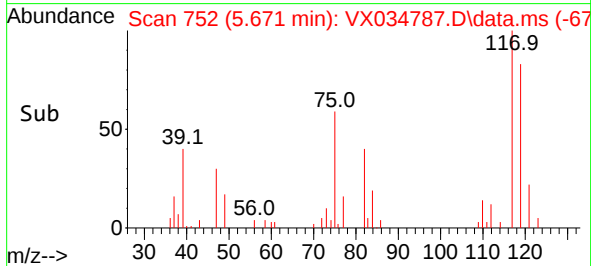
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 117 Resp: 892
Ion Ratio Lower Upper
117 100
119 83.3 73.3 109.9
121 22.5 24.0 36.0

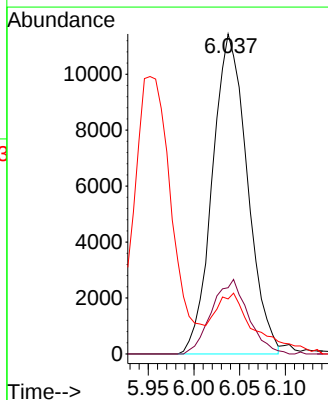
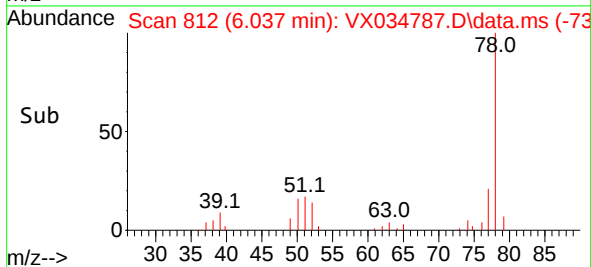
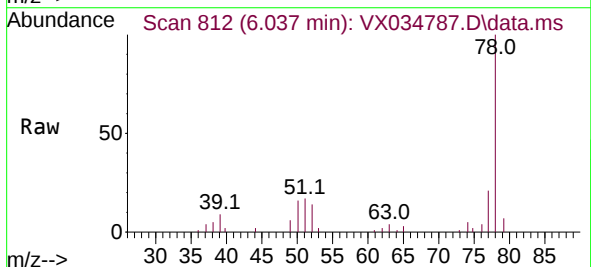
Manual Integrations
APPROVED

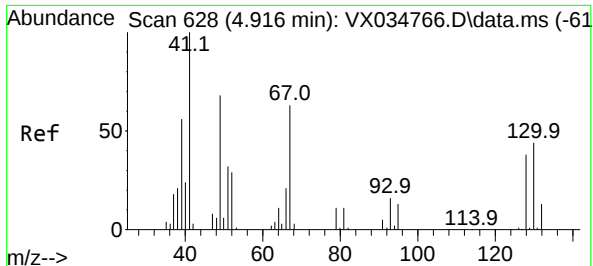
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#34
Benzene
Concen: 2.534 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

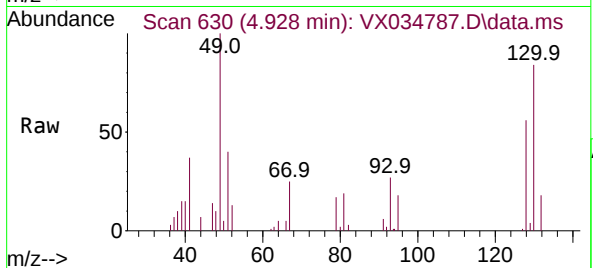
Tgt Ion: 78 Resp: 30361
Ion Ratio Lower Upper
78 100
77 20.7 19.0 28.4
51 13.3 14.6 21.8





#35
Methacrylonitrile
Concen: 2.120 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

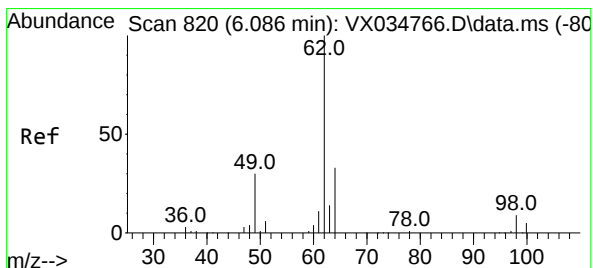
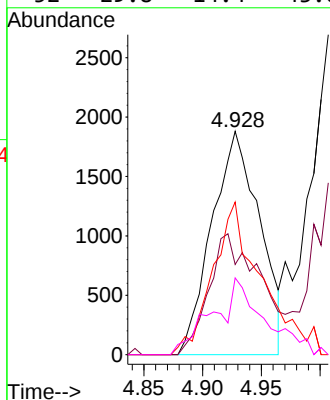
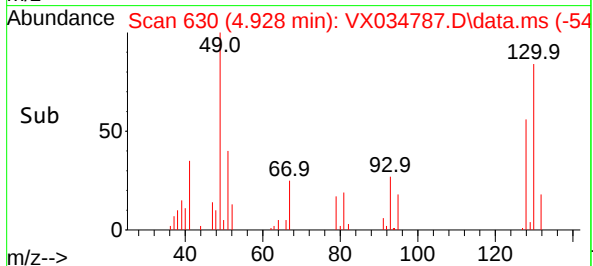
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:	41	Resp:	533
Ion	Ratio	Lower	Upper
41	100		
39	40.4	28.0	84.0
67	65.1	31.6	94.7
52	29.8	14.4	43.0

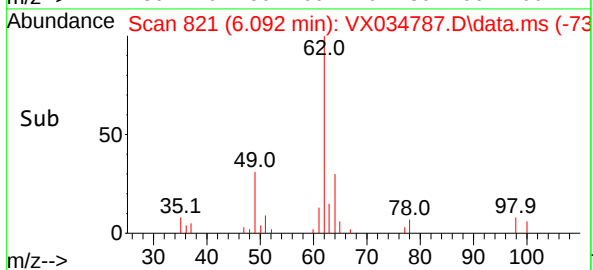
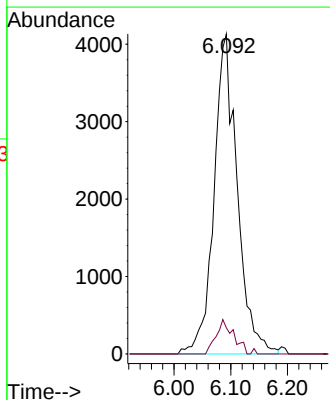
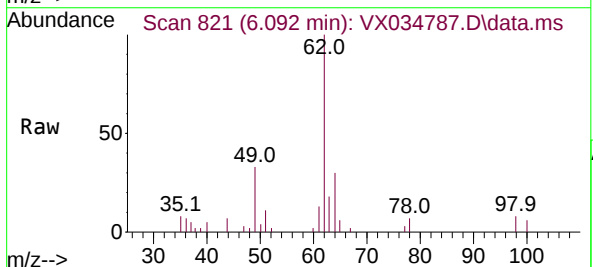
Manual Integrations
APPROVED

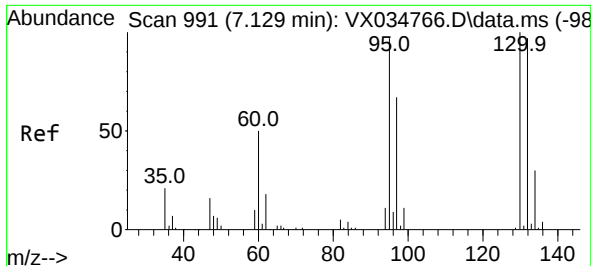
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#36
1,2-Dichloroethane
Concen: 2.498 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

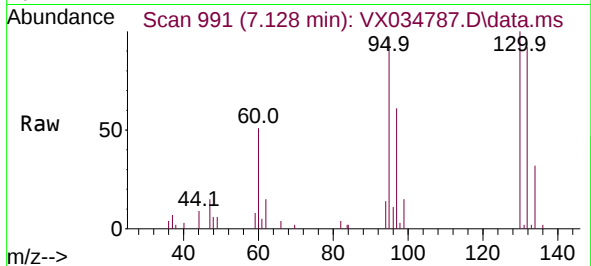
Tgt Ion:	62	Resp:	11732
Ion	Ratio	Lower	Upper
62	100		
98	5.7	7.0	10.6





#37
Trichloroethene
Concen: 2.565 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

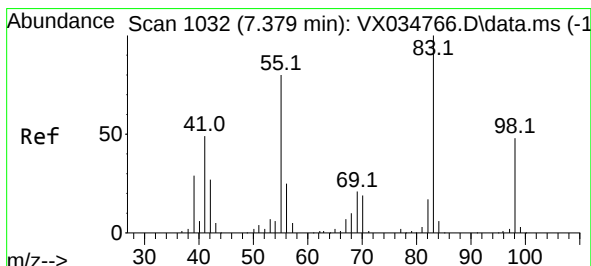
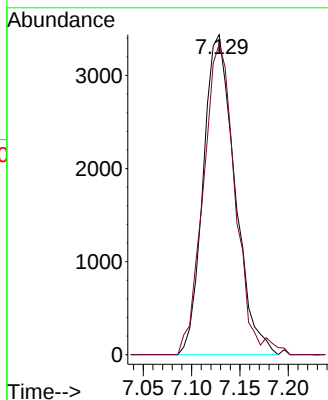
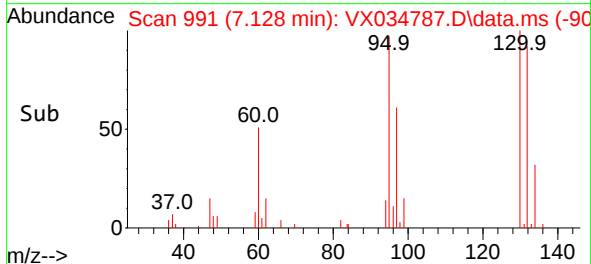
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



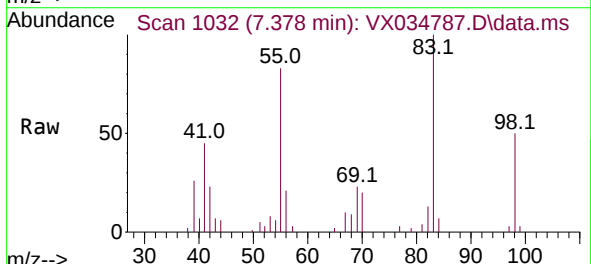
Tgt Ion:130 Resp: 782
Ion Ratio Lower Upper
130 100
95 97.0 77.8 116.6

Manual Integrations
APPROVED

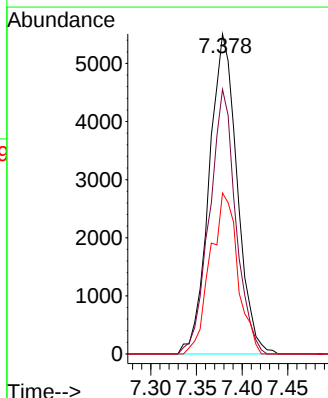
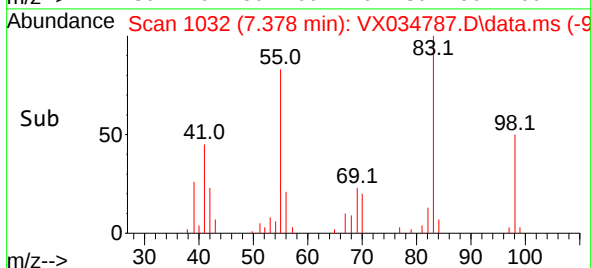
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

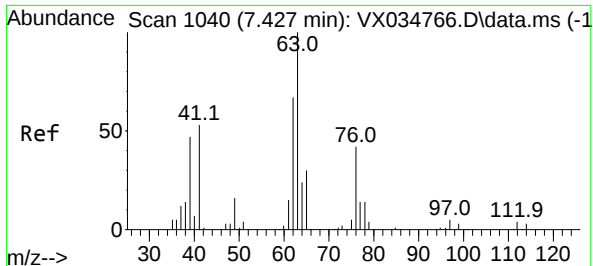


#38
Methylcyclohexane
Concen: 2.608 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26



Tgt Ion: 83 Resp: 11747
Ion Ratio Lower Upper
83 100
55 77.7 38.8 116.4
98 49.4 23.8 71.2





#39

1,2-Dichloropropane

Concen: 2.427 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 7558

Ion Ratio Lower Upper

63 100

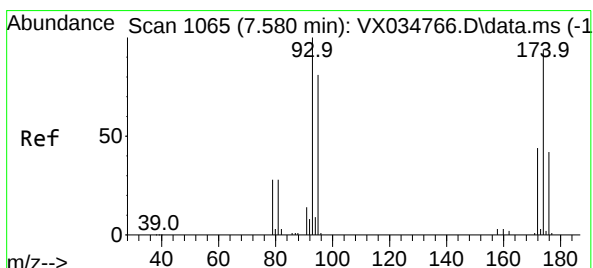
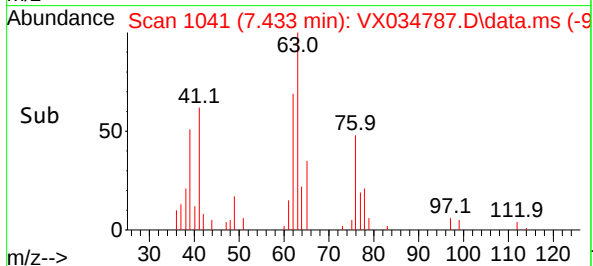
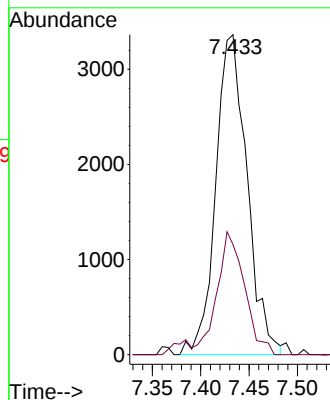
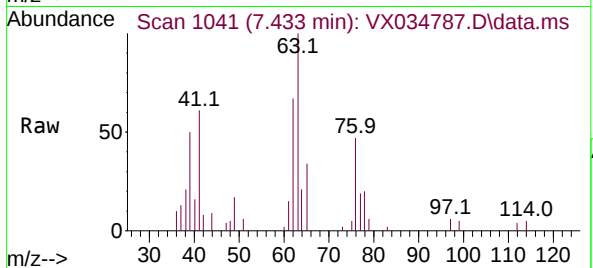
65 34.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#40

Dibromomethane

Concen: 2.221 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

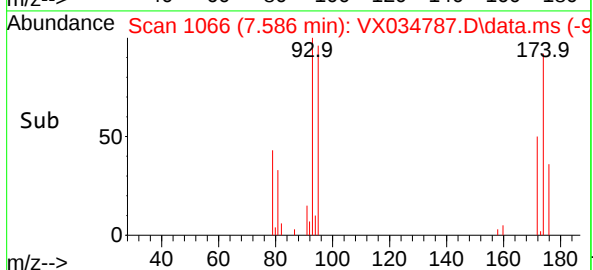
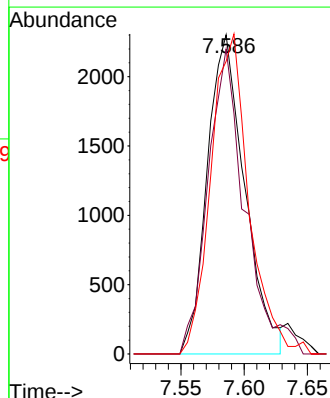
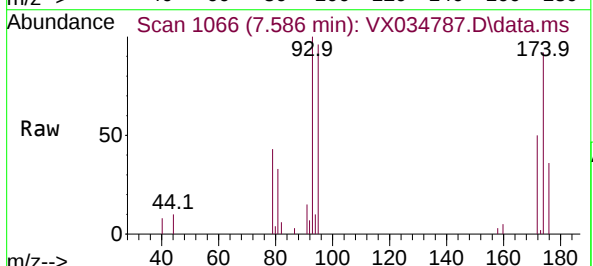
Tgt Ion: 93 Resp: 4751

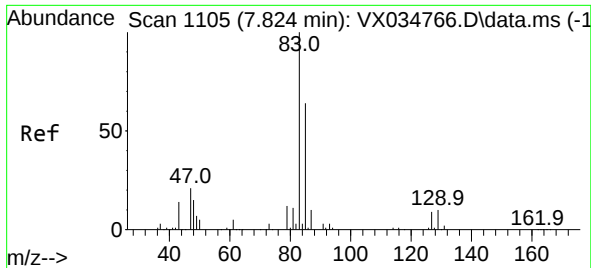
Ion Ratio Lower Upper

93 100

95 90.6 0.0 165.8

174 100.2 0.0 188.8





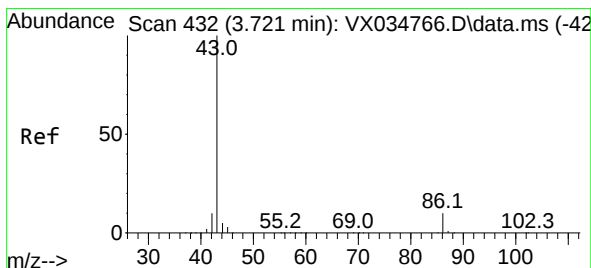
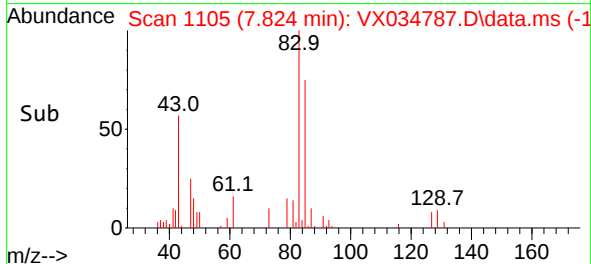
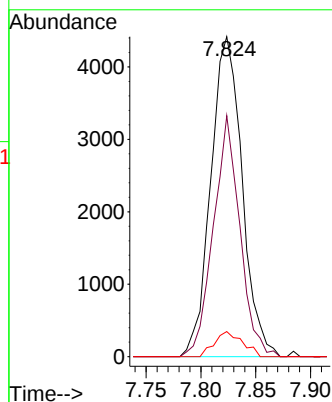
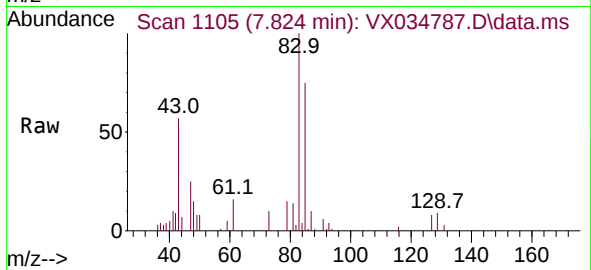
#41
Bromodichloromethane
Concen: 2.180 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 8783
Ion Ratio Lower Upper
83 100
85 75.3 51.1 76.7
127 7.8 8.2 12.4

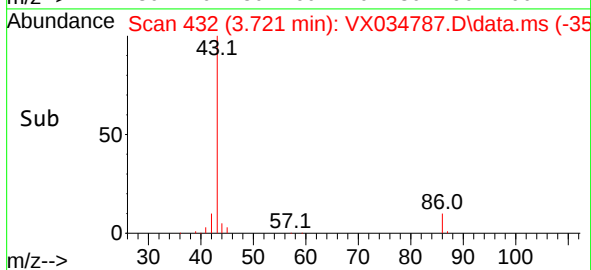
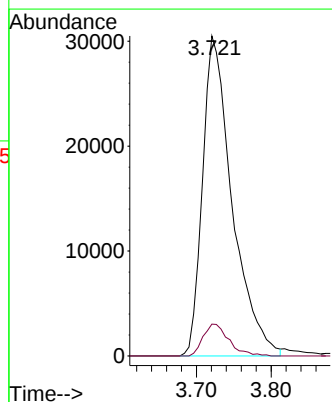
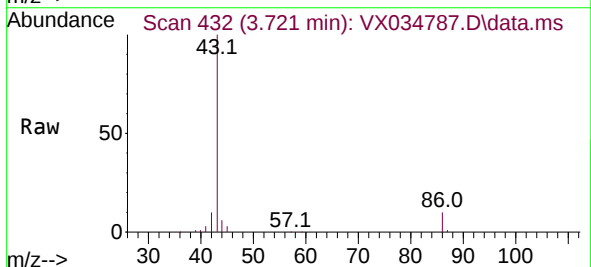
Manual Integrations
APPROVED

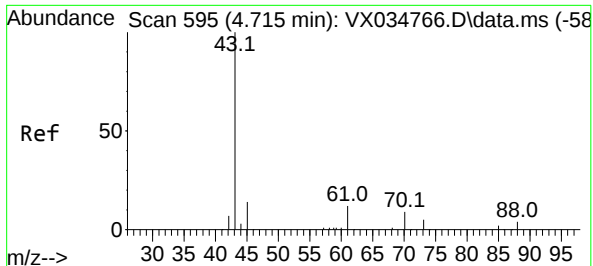
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#42
Vinyl Acetate
Concen: 11.194 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 43 Resp: 83966
Ion Ratio Lower Upper
43 100
86 8.7 6.9 10.3





#43

Ethyl Acetate

Concen: 0.945 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 4214

Ion Ratio Lower Upper

43 100

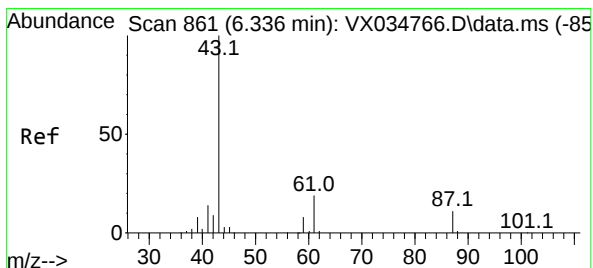
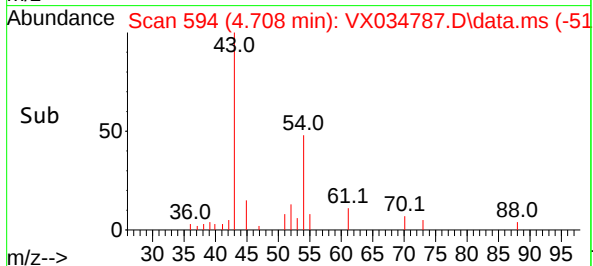
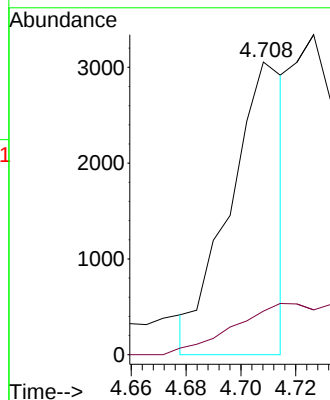
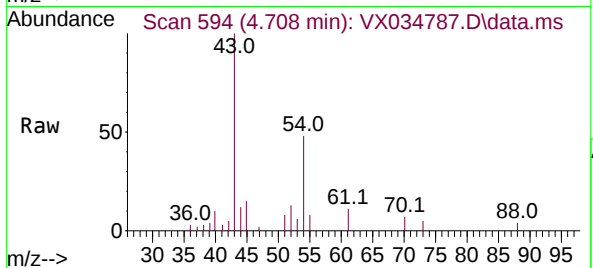
45 25.8 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#44

Isopropyl Acetate

Concen: 2.283 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX034787.D

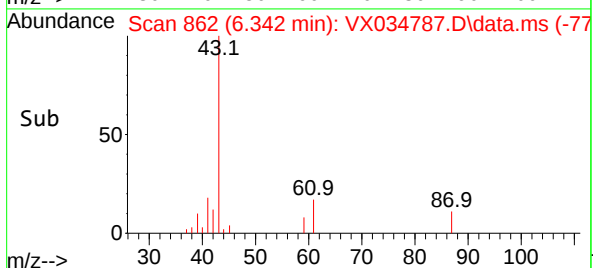
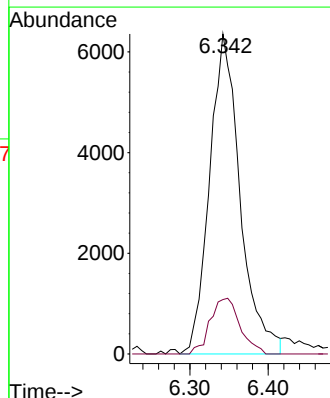
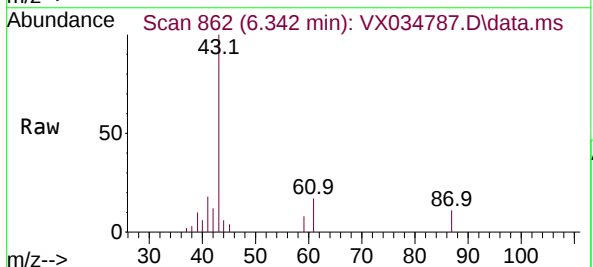
Acq: 28 Mar 2023 12:26

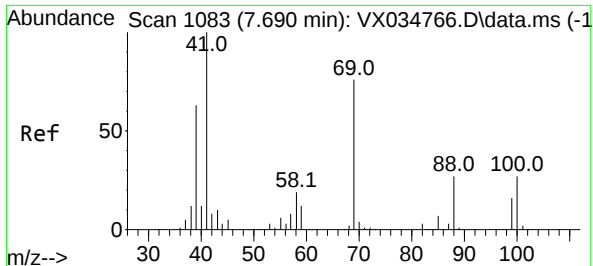
Tgt Ion: 43 Resp: 17231

Ion Ratio Lower Upper

43 100

61 16.4 15.4 23.0





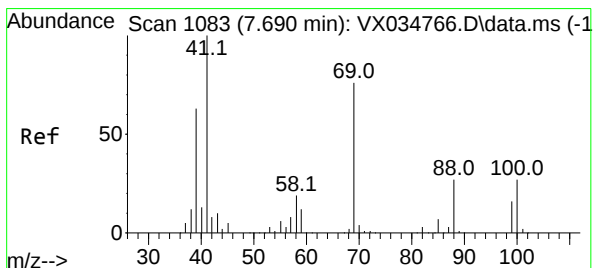
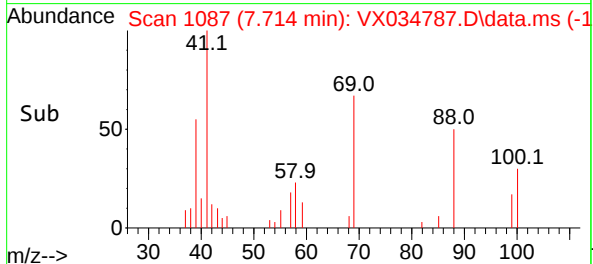
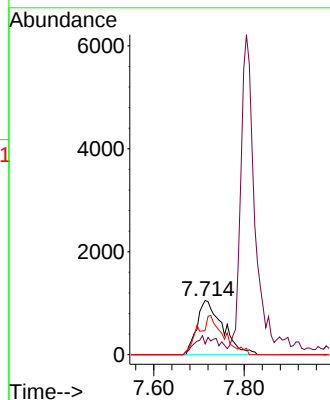
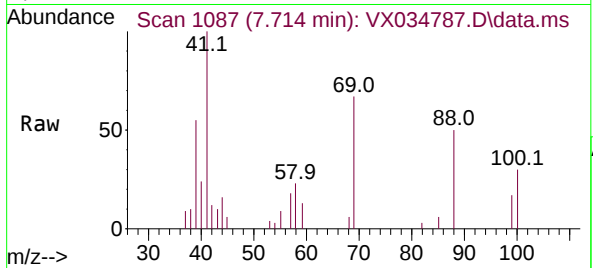
#45
1,4-Dioxane
Concen: 55.358 ug/l m
RT: 7.714 min Scan# 1087
Delta R.T. 0.024 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 88 Resp: 4140
Ion Ratio Lower Upper
88 100
43 5.1 26.5 39.7
58 38.3 55.6 83.4

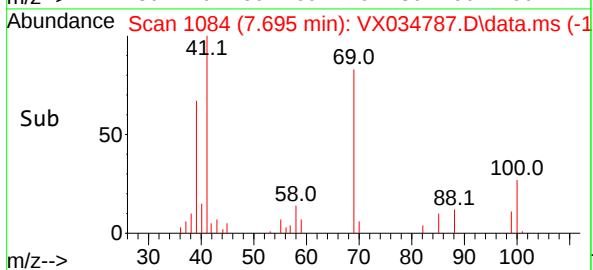
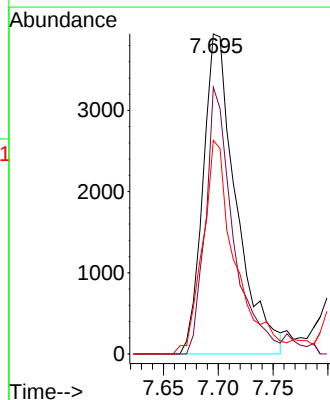
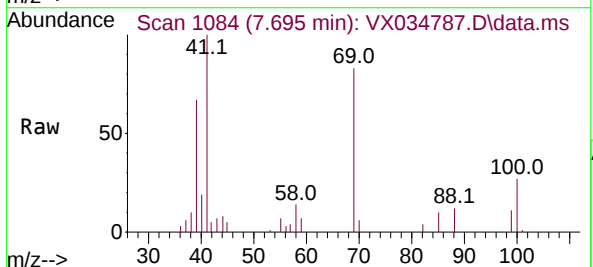
Manual Integrations
APPROVED

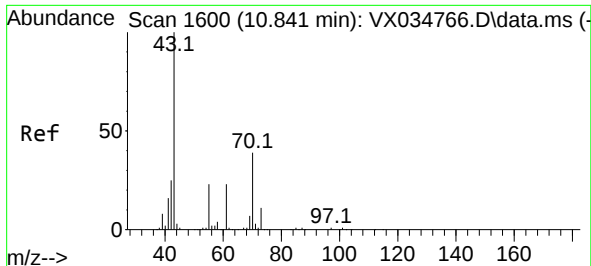
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#46
Methyl methacrylate
Concen: 2.253 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

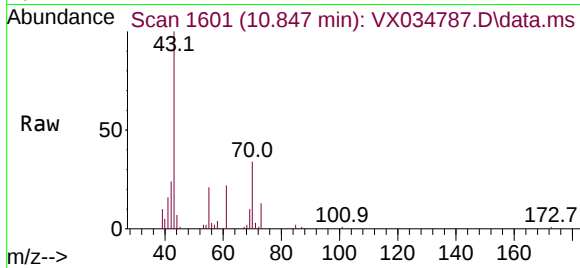
Tgt Ion: 41 Resp: 8285
Ion Ratio Lower Upper
41 100
69 83.4 38.1 114.5
39 64.2 31.4 94.3





#47
n-amy1 Acetate
Concen: 1.780 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

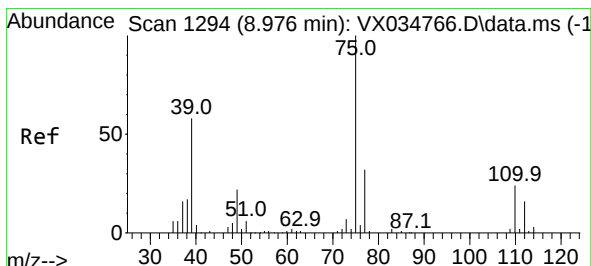
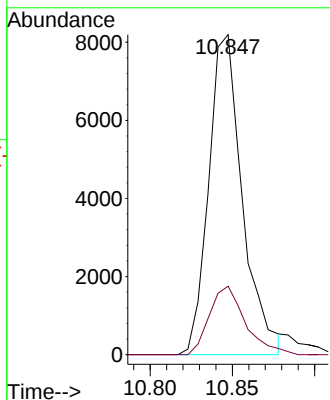
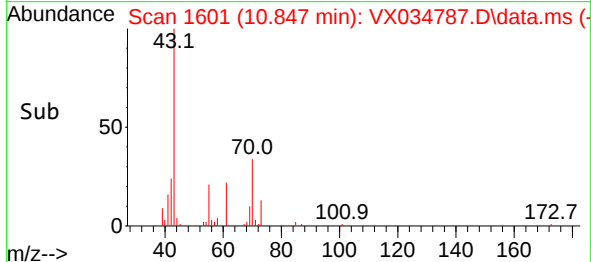
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 11679
Ion Ratio Lower Upper
43 100
55 22.8 18.6 28.0

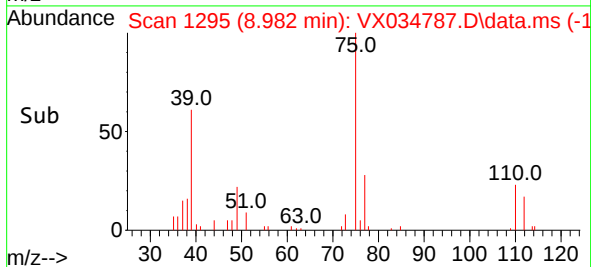
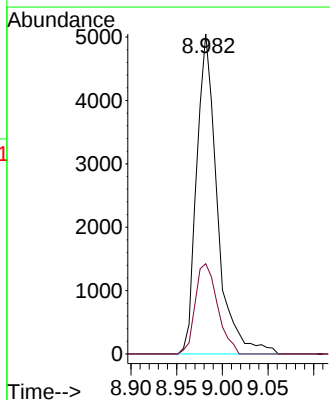
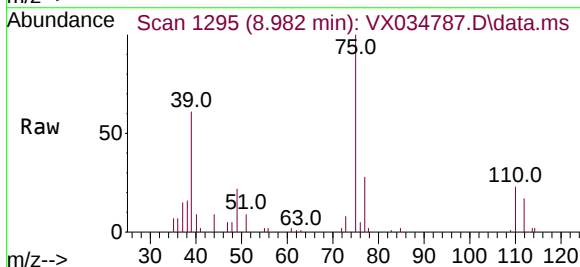
Manual Integrations
APPROVED

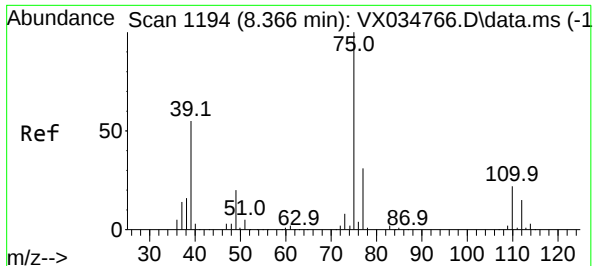
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#48
t-1,3-Dichloropropene
Concen: 1.810 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 75 Resp: 7945
Ion Ratio Lower Upper
75 100
77 28.2 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 1.938 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

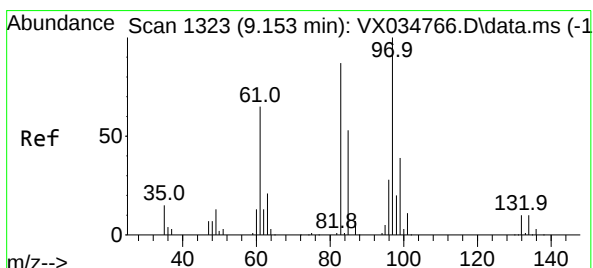
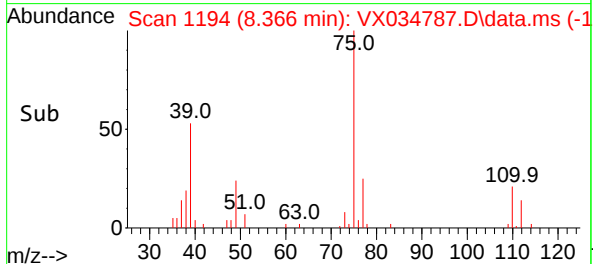
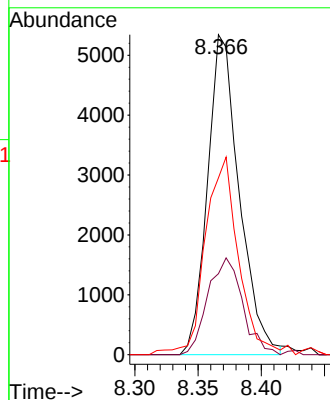
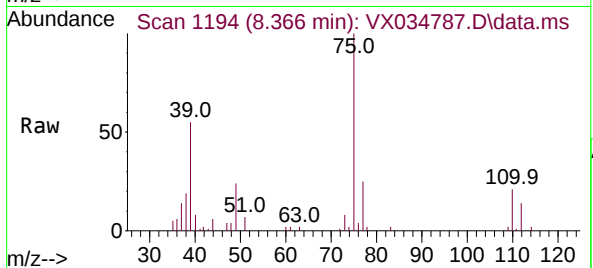
Tgt Ion: 75	Resp: 9349
Ion Ratio	Lower Upper
75 100	
77 25.3	24.6 37.0
39 53.8	44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#50

1,1,2-Trichloroethane

Concen: 2.488 ug/l

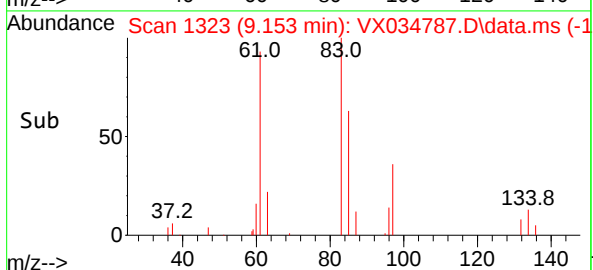
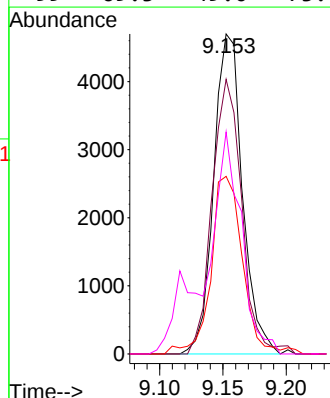
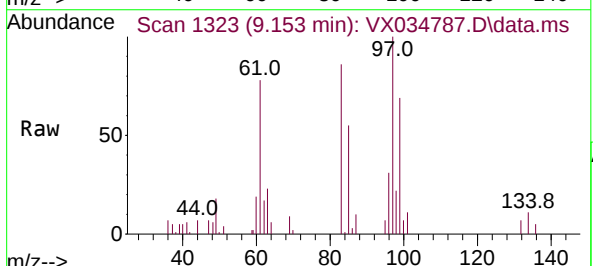
RT: 9.153 min Scan# 1323

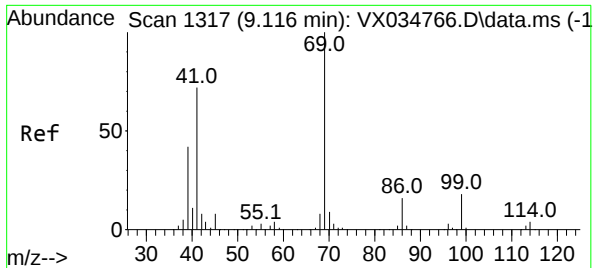
Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

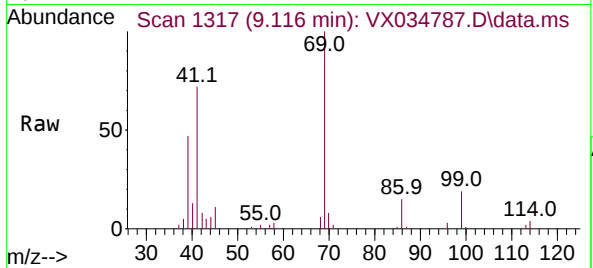
Tgt Ion: 97	Resp: 7416
Ion Ratio	Lower Upper
97 100	
83 85.8	68.9 103.3
85 54.3	44.0 66.0
99 69.3	49.0 73.4





#51
Ethyl methacrylate
Concen: 2.100 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

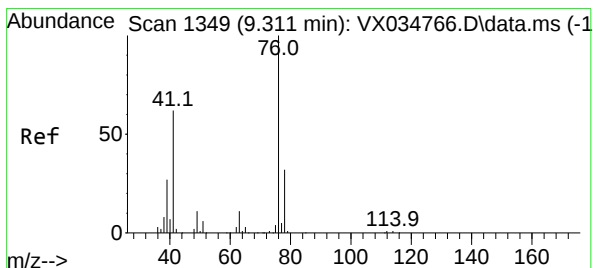
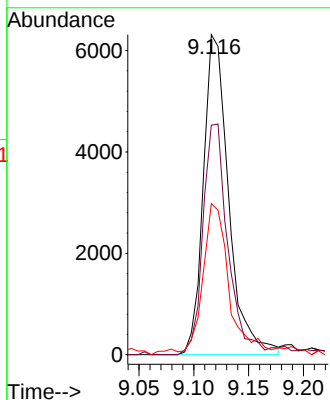
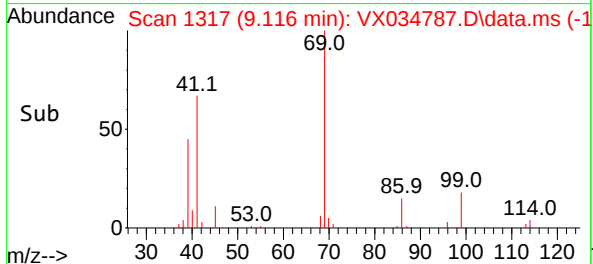
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 69 Resp: 10160
Ion Ratio Lower Upper
69 100
41 71.7 36.2 108.6
39 46.3 21.2 63.6

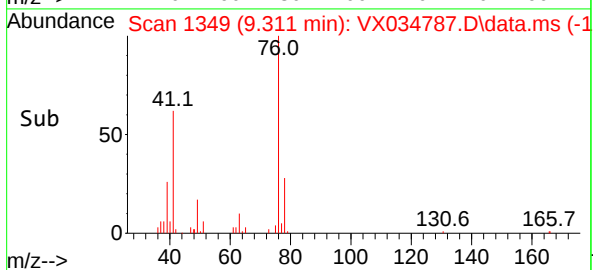
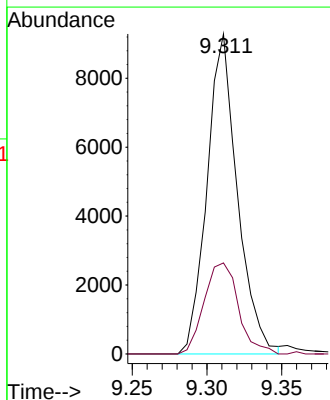
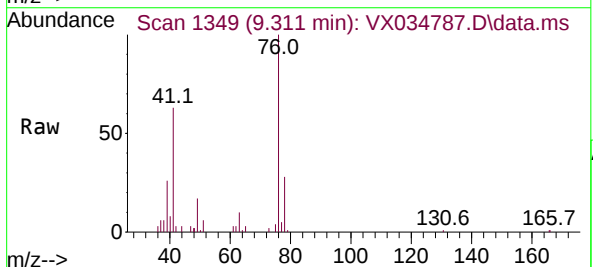
Manual Integrations
APPROVED

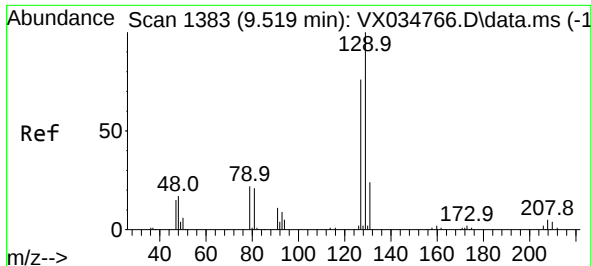
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#52
1,3-Dichloropropane
Concen: 2.493 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 76 Resp: 13123
Ion Ratio Lower Upper
76 100
78 32.0 0.0 63.8





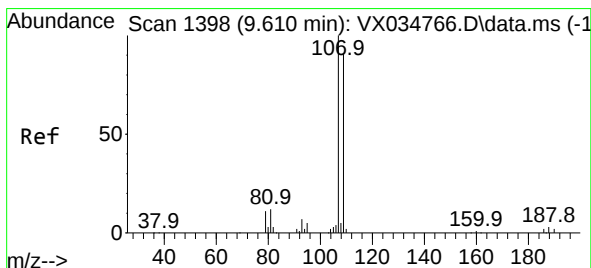
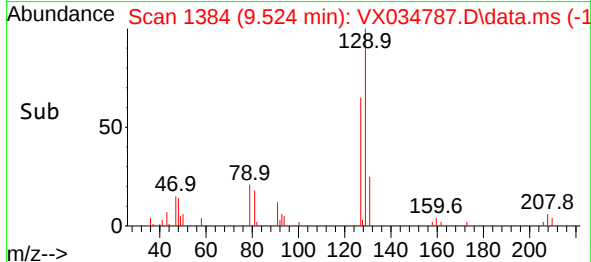
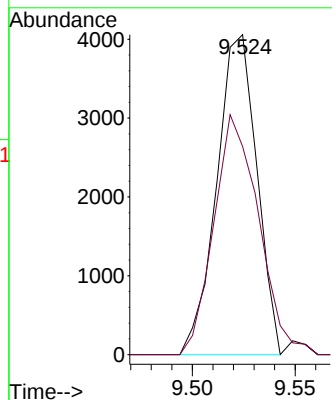
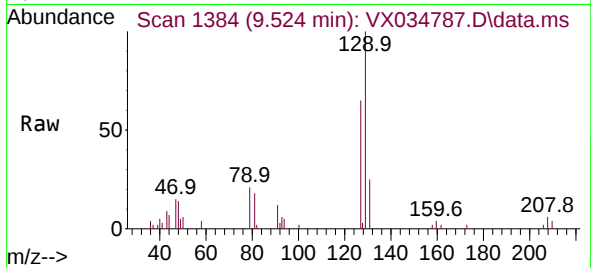
#53
Dibromochloromethane
Concen: 1.868 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:129 Resp: 5508
Ion Ratio Lower Upper
129 100
127 83.8 39.1 117.5

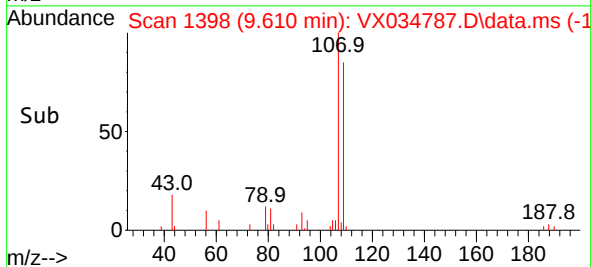
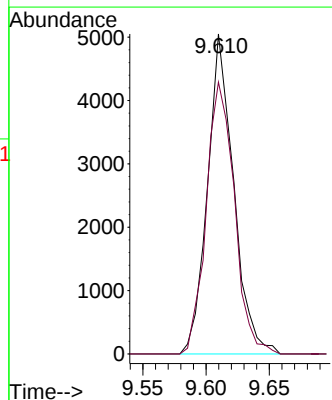
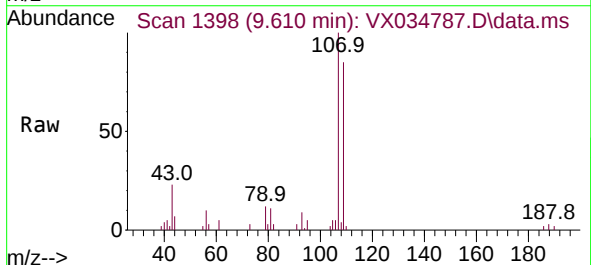
Manual Integrations
APPROVED

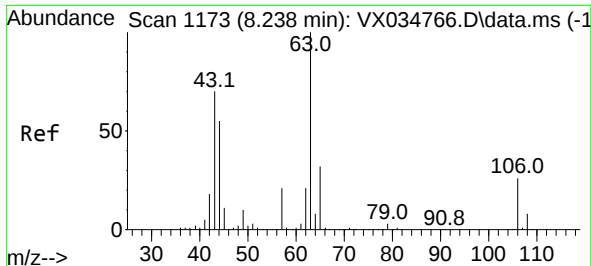
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#54
1,2-Dibromoethane
Concen: 2.276 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

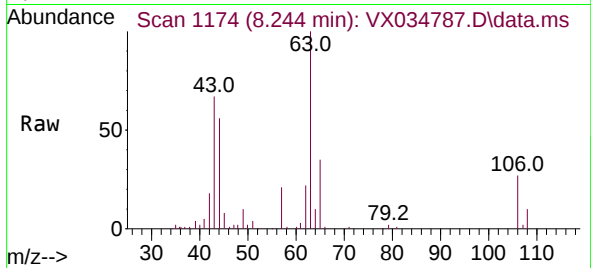
Tgt Ion:107 Resp: 7256
Ion Ratio Lower Upper
107 100
109 91.8 75.4 113.2





#55
2-Chloroethyl vinyl ether
Concen: 10.917 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

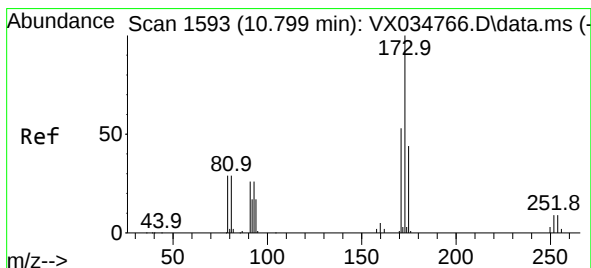
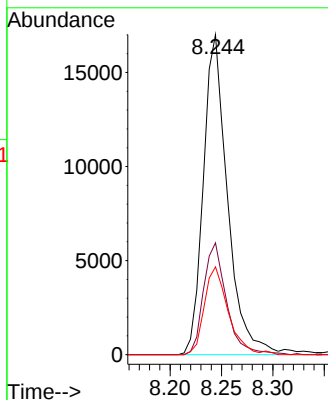
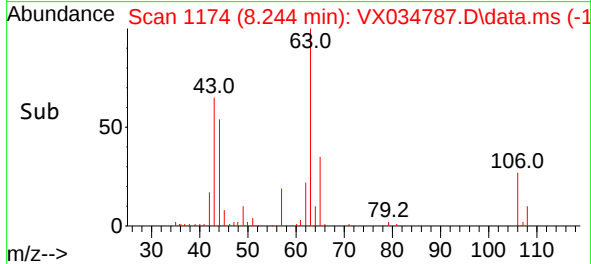
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 63 Resp: 2779
Ion Ratio Lower Upper
63 100
65 33.2 25.4 38.2
106 26.9 21.6 32.4

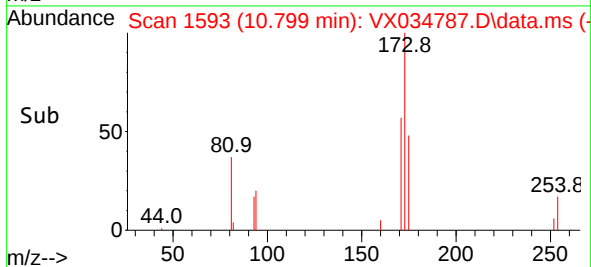
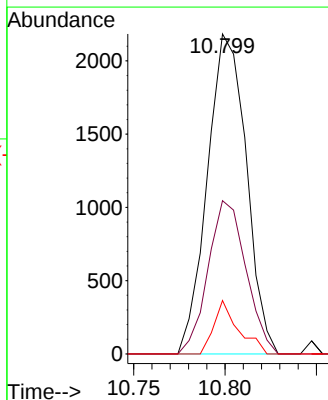
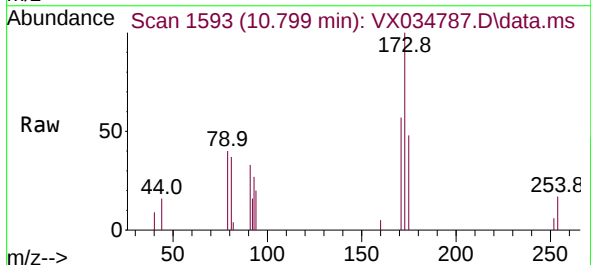
Manual Integrations
APPROVED

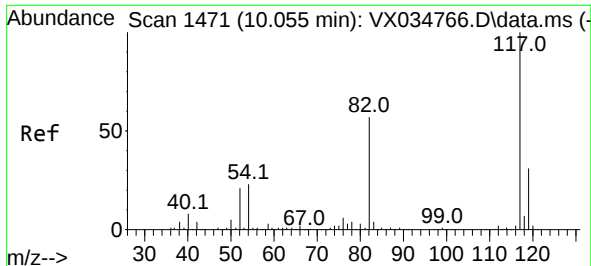
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#56
Bromoform
Concen: 1.594 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion:173 Resp: 3240
Ion Ratio Lower Upper
173 100
175 46.5 37.0 55.4
254 10.4 6.7 10.1#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

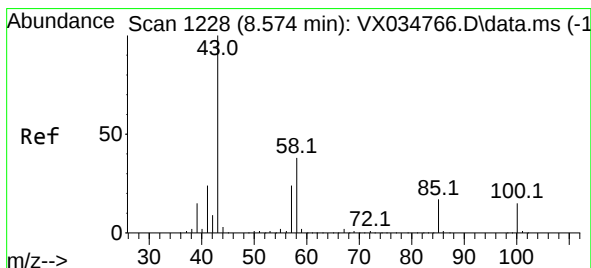
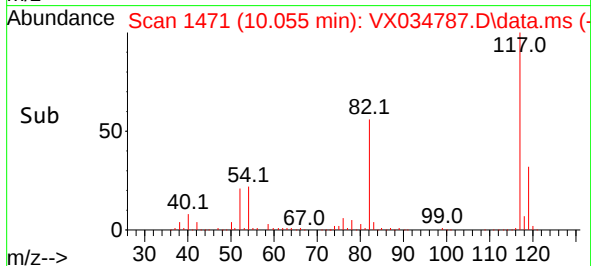
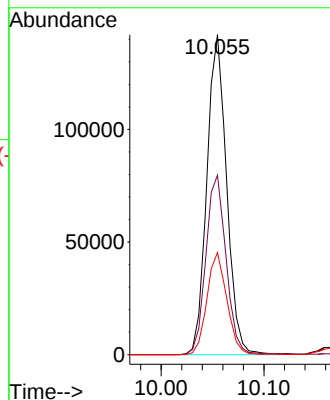
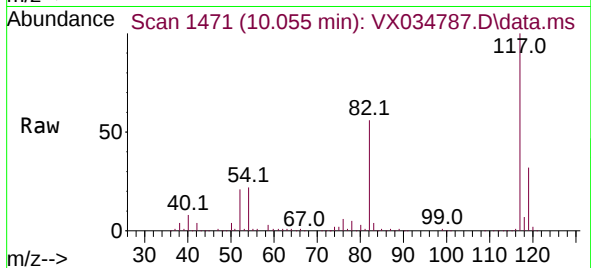
Tgt Ion:117 Resp: 190022
 Ion Ratio Lower Upper
 117 100
 82 57.4 45.8 68.8
 119 32.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#58

4-Methyl-2-Pentanone

Concen: 12.113 ug/l

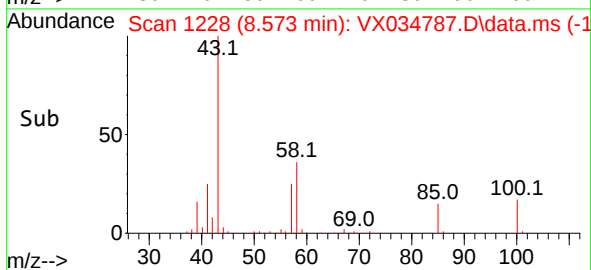
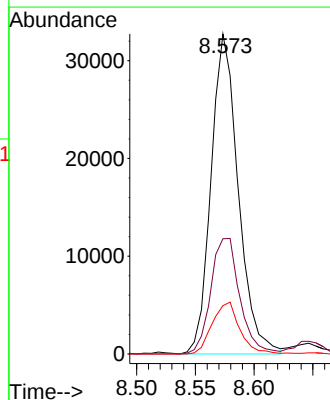
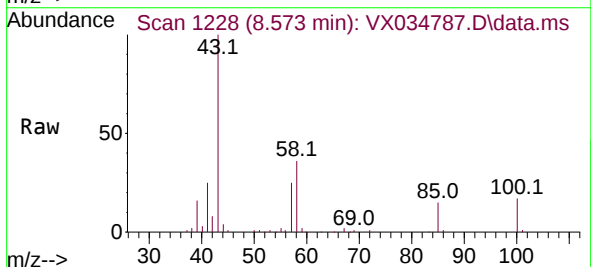
RT: 8.573 min Scan# 1228

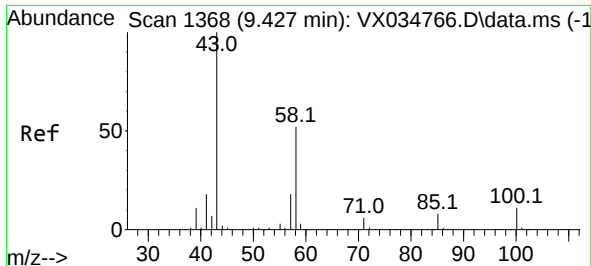
Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Tgt Ion: 43 Resp: 52773
 Ion Ratio Lower Upper
 43 100
 58 38.6 29.9 44.9
 85 16.3 13.2 19.8





#59

2-Hexanone

Concen: 11.625 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 3813

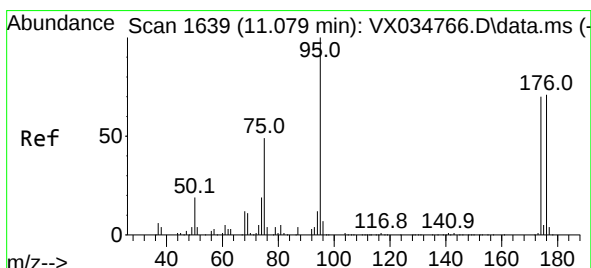
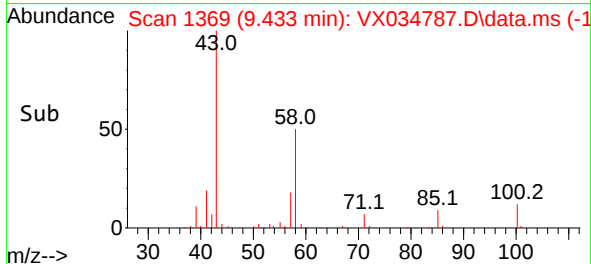
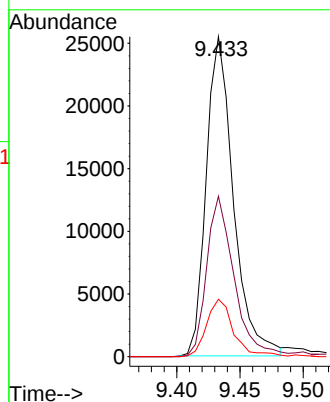
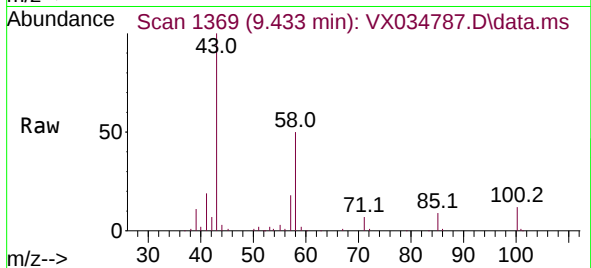
Ion	Ratio	Lower	Upper
43	100		
58	50.6	41.7	62.5
57	17.1	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#60

4-Bromofluorobenzene

Concen: 27.723 ug/l

RT: 11.079 min Scan# 1639

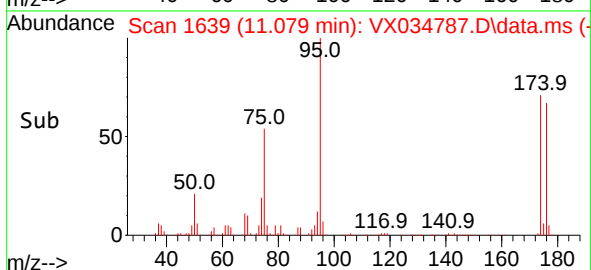
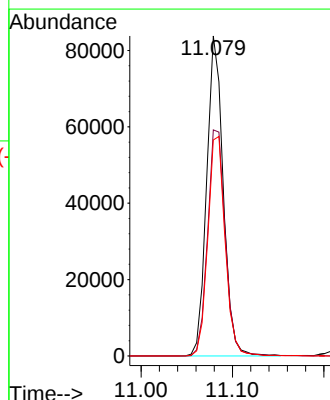
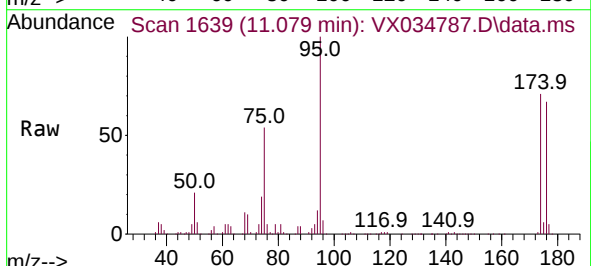
Delta R.T. -0.000 min

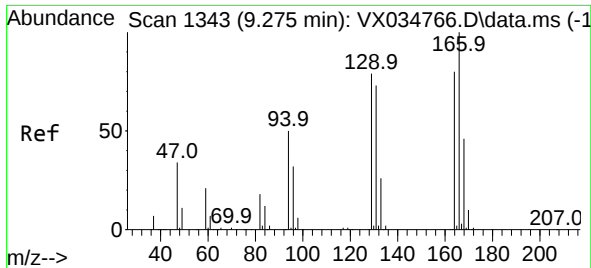
Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Tgt Ion: 95 Resp: 105264

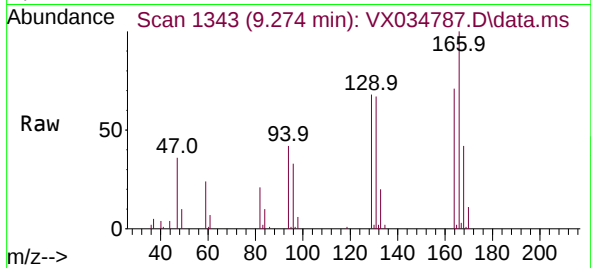
Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.2	0.4#
176	71.7	0.2	0.2#





#61
Tetrachloroethene
Concen: 2.781 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

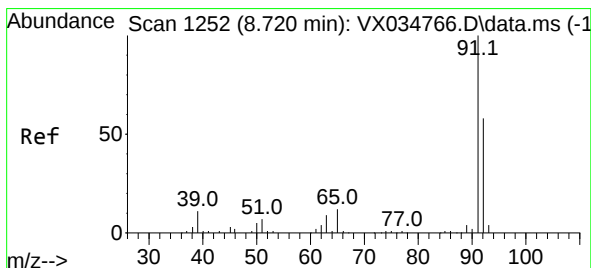
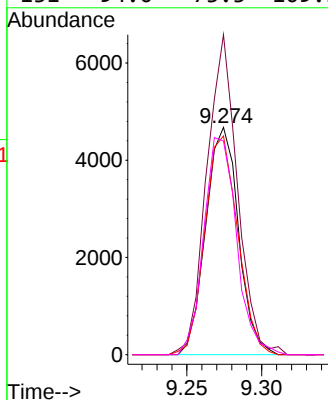
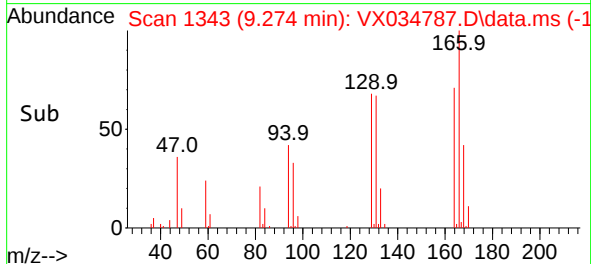
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:164 Resp: 7120
Ion Ratio Lower Upper
164 100
166 138.6 100.1 150.1
129 96.2 79.1 118.7
131 94.0 73.3 109.9

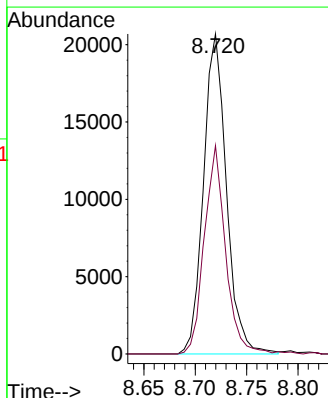
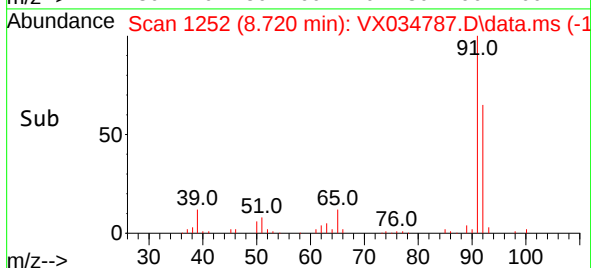
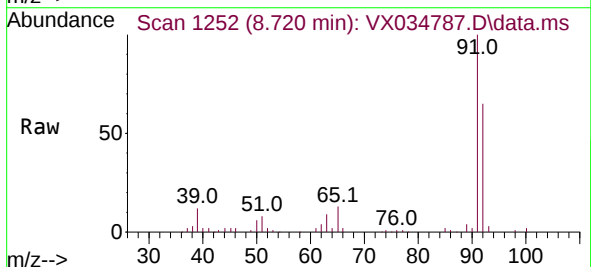
Manual Integrations
APPROVED

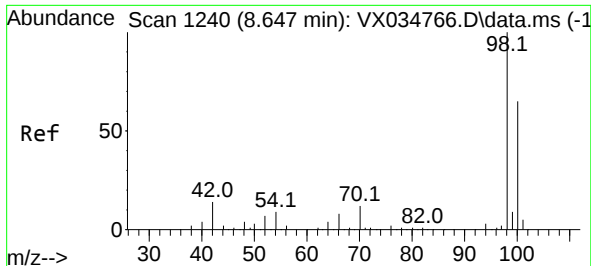
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#62
Toluene
Concen: 2.586 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

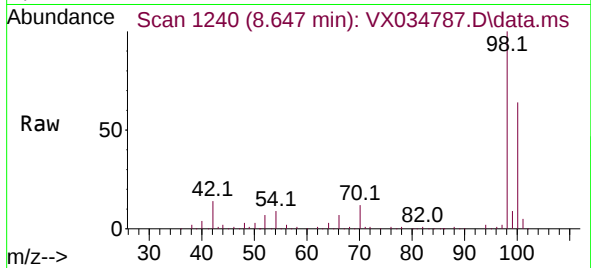
Tgt Ion: 91 Resp: 32137
Ion Ratio Lower Upper
91 100
92 60.3 46.5 69.7





#63
Toluene-d8
Concen: 30.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

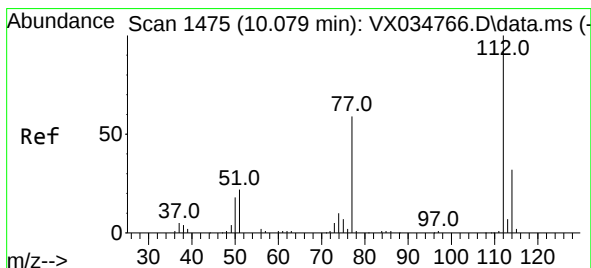
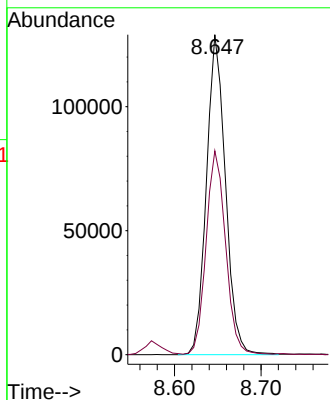
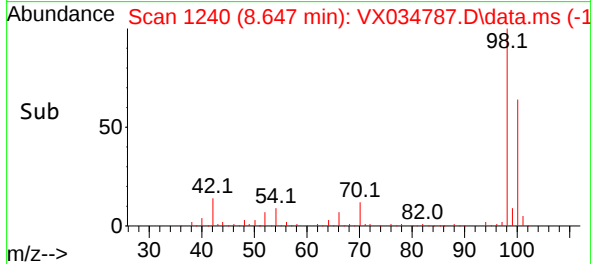
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 98 Resp: 196618
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

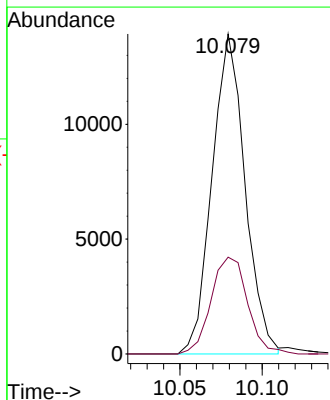
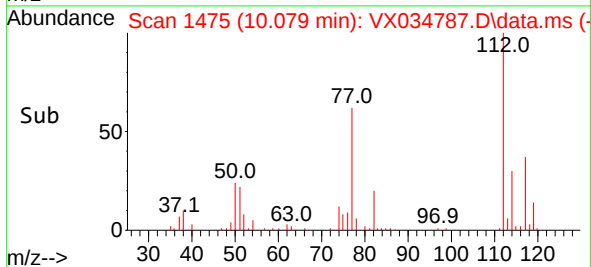
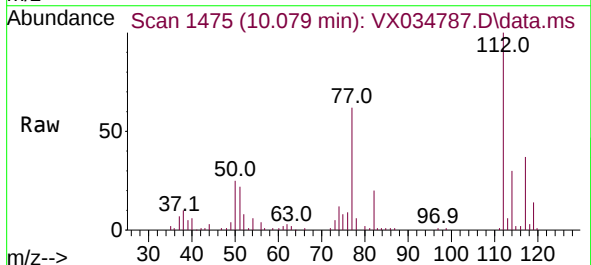
Manual Integrations
APPROVED

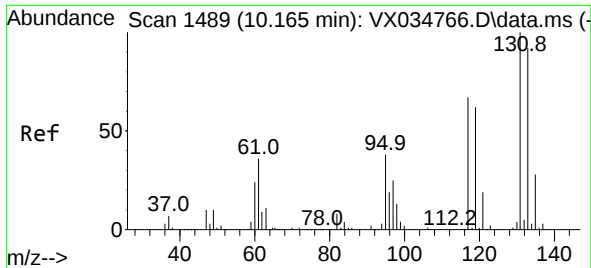
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#64
Chlorobenzene
Concen: 2.537 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion:112 Resp: 19410
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.8





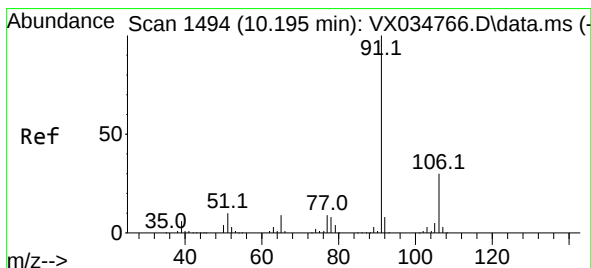
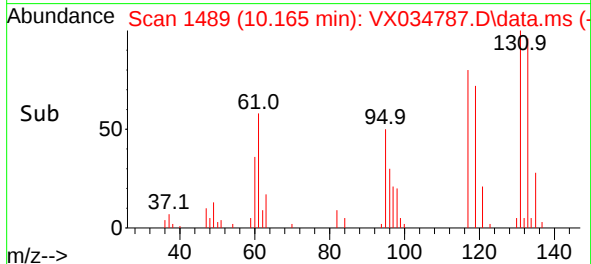
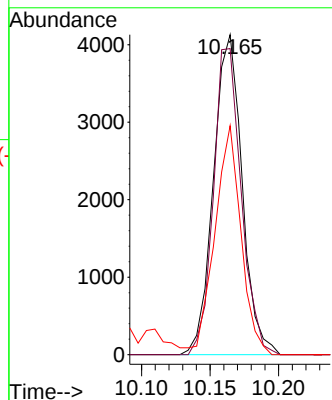
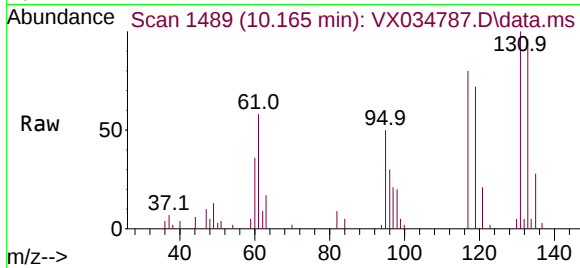
#65
1,1,1,2-Tetrachloroethane
Concen: 2.193 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:131 Resp: 5998
Ion Ratio Lower Upper
131 100
133 92.9 0.0 186.6
119 65.1 0.0 128.6

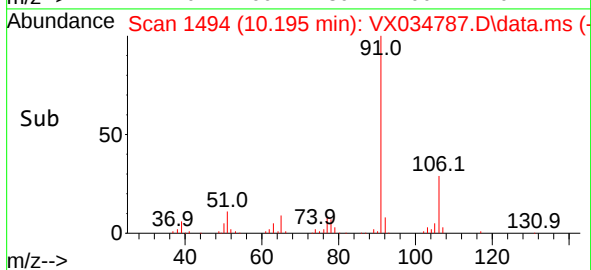
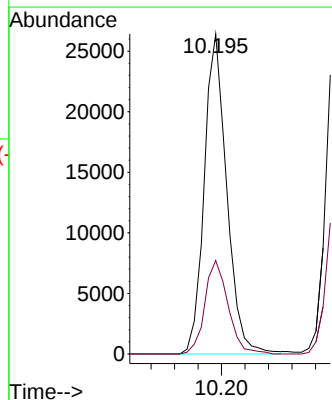
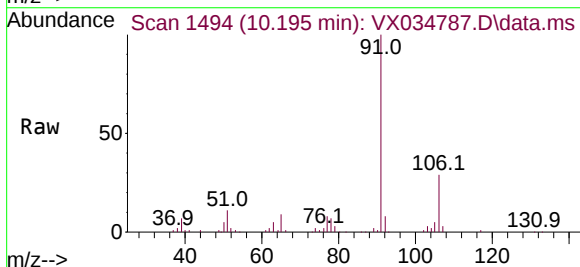
Manual Integrations
APPROVED

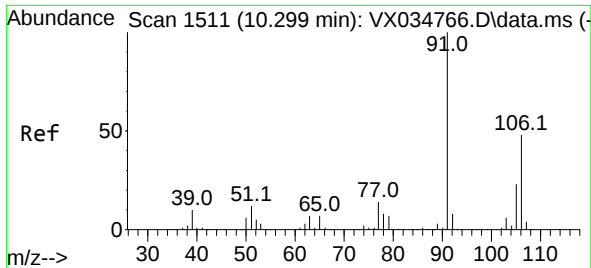
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#66
Ethyl Benzene
Concen: 2.533 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 91 Resp: 35053
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6





#67

m/p-Xylenes

Concen: 4.900 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:106 Resp: 2580

Ion Ratio Lower Upper

106 100

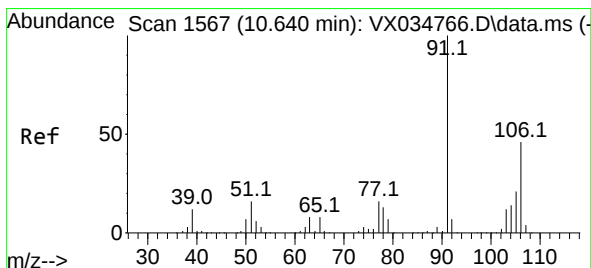
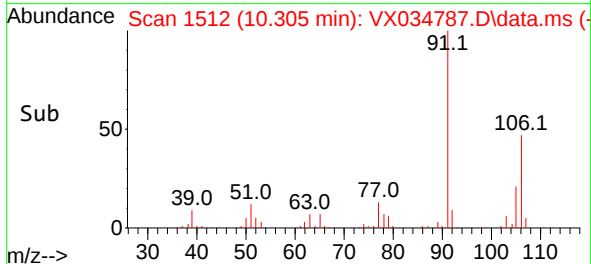
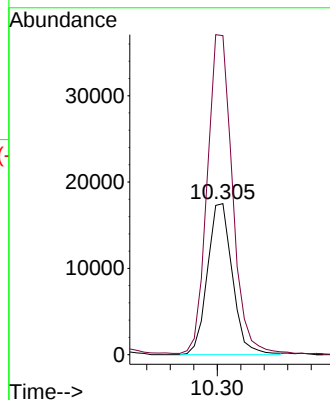
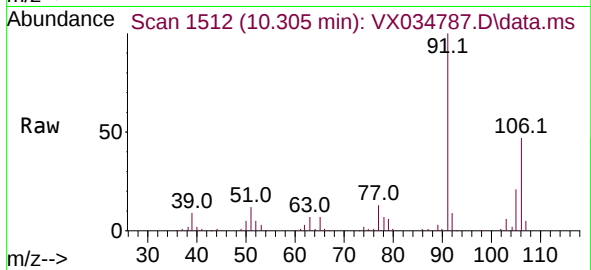
91 214.2 167.4 251.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#68

o-Xylene

Concen: 2.482 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX034787.D

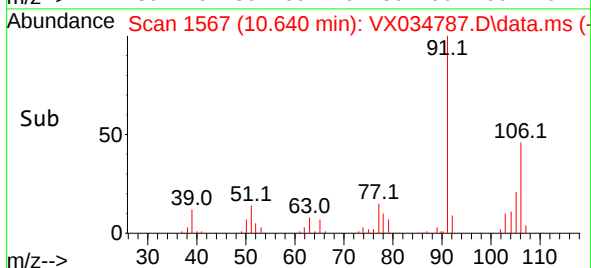
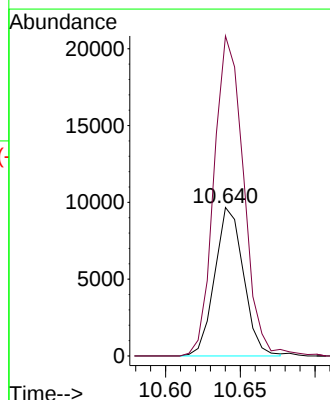
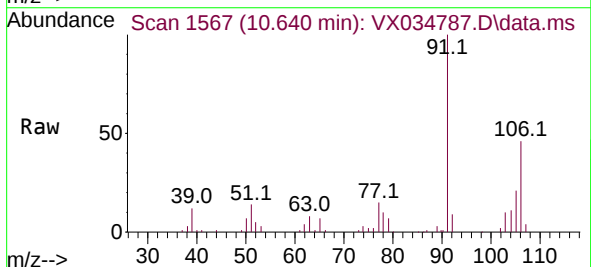
Acq: 28 Mar 2023 12:26

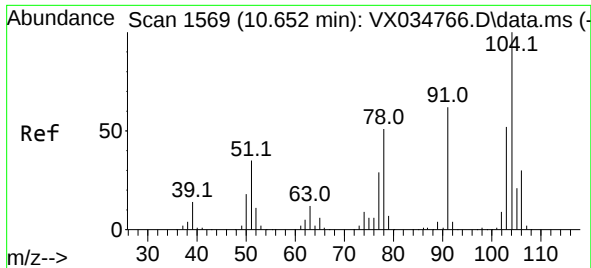
Tgt Ion:106 Resp: 12924

Ion Ratio Lower Upper

106 100

91 219.6 108.9 326.8





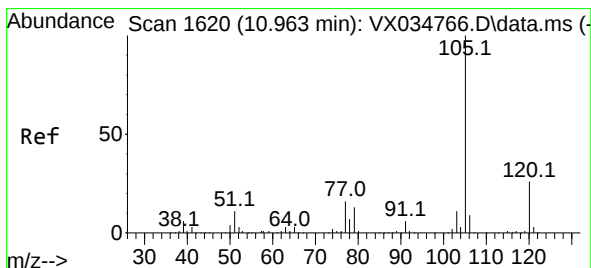
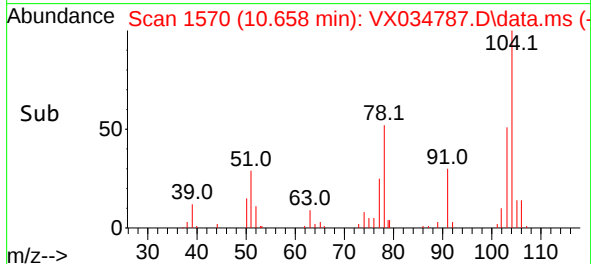
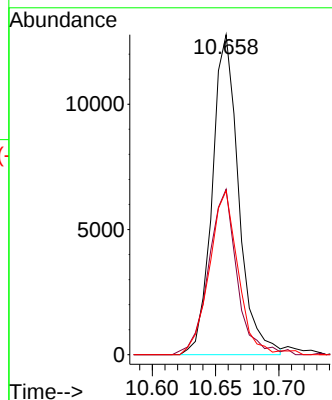
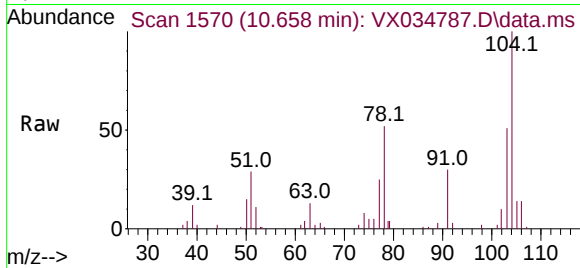
#69
Styrene
Concen: 2.165 ug/l
RT: 10.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:104 Resp: 1858
Ion Ratio Lower Upper
104 100
78 55.4 42.8 64.2
103 55.1 43.8 65.8

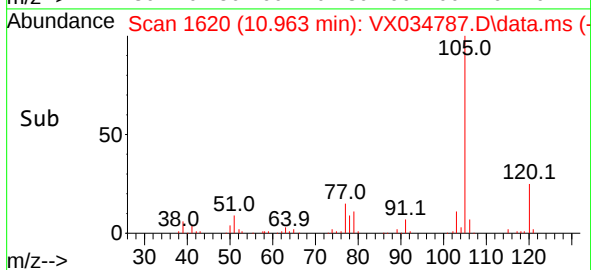
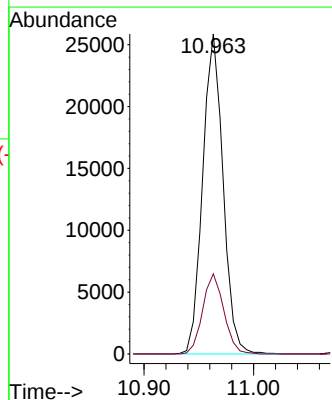
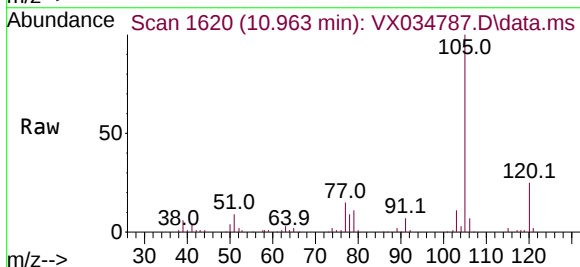
Manual Integrations
APPROVED

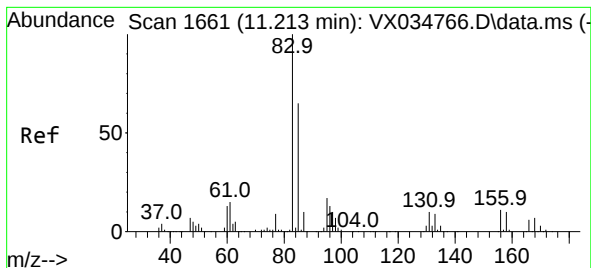
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#70
Isopropylbenzene
Concen: 2.470 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion:105 Resp: 33289
Ion Ratio Lower Upper
105 100
120 26.0 18.5 34.3





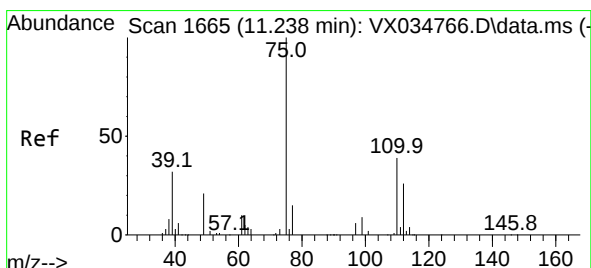
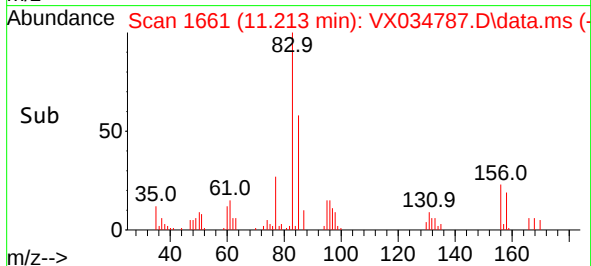
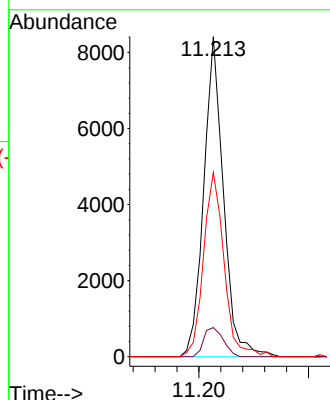
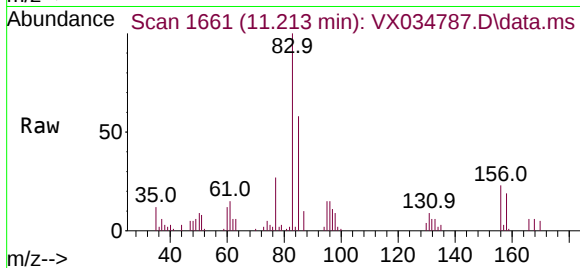
#71
1,1,2,2-Tetrachloroethane
Concen: 2.377 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 1053
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.2
85 59.9 31.9 95.5

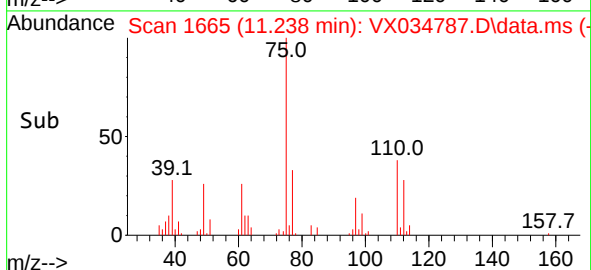
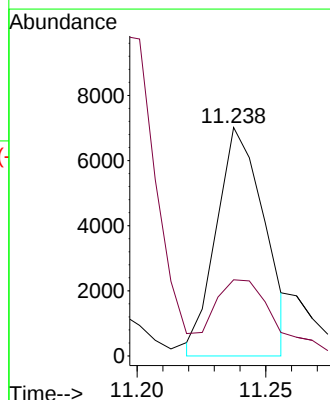
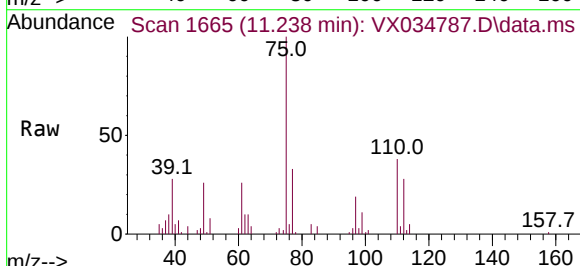
Manual Integrations
APPROVED

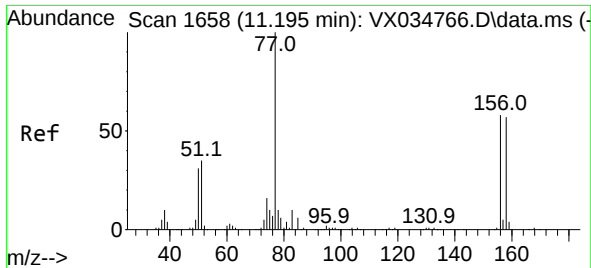
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#72
1,2,3-Trichloropropane
Concen: 2.251 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 75 Resp: 9077
Ion Ratio Lower Upper
75 100
77 43.9 0.0 73.8





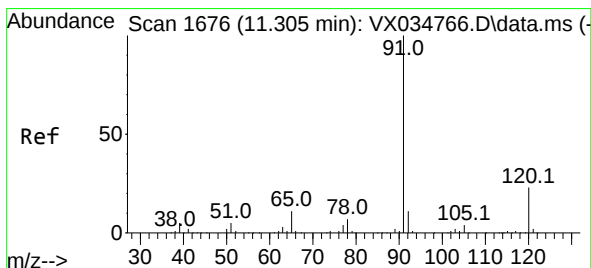
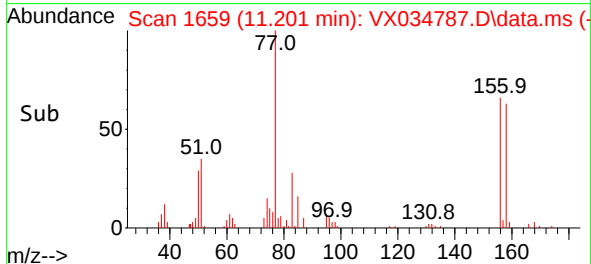
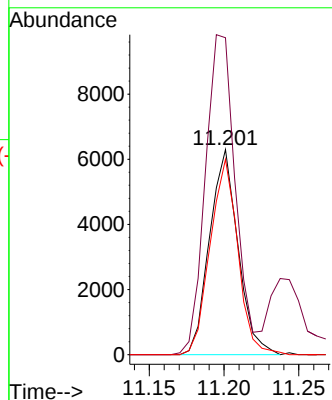
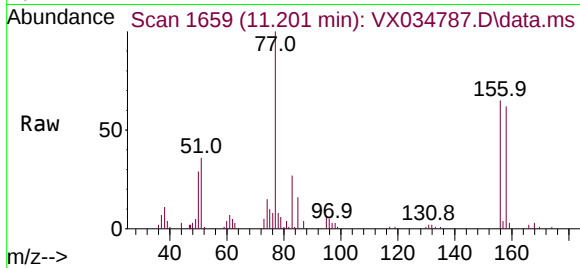
#73
Bromobenzene
Concen: 2.578 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:156 Resp: 8344
Ion Ratio Lower Upper
156 100
77 163.1 0.0 330.8
158 92.6 0.0 193.4

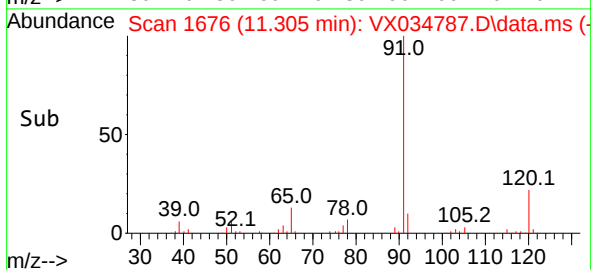
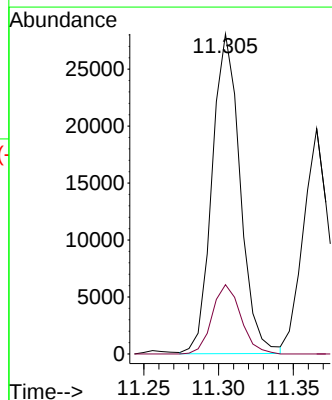
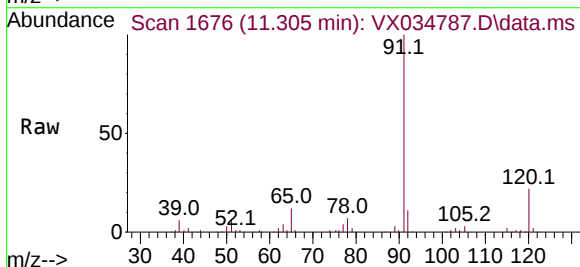
Manual Integrations
APPROVED

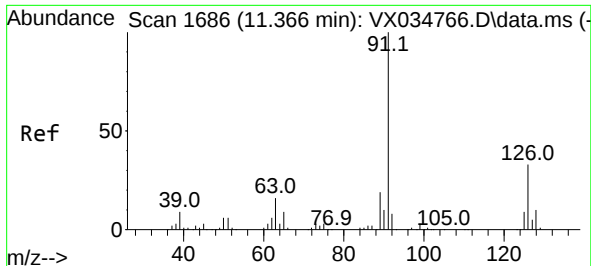
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#74
n-propylbenzene
Concen: 2.338 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 91 Resp: 36675
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.8





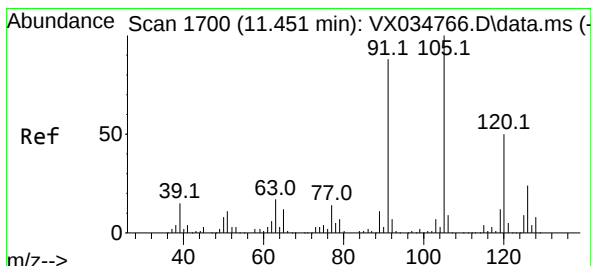
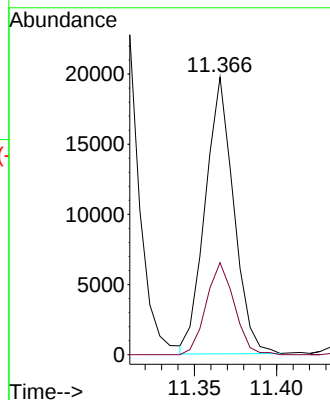
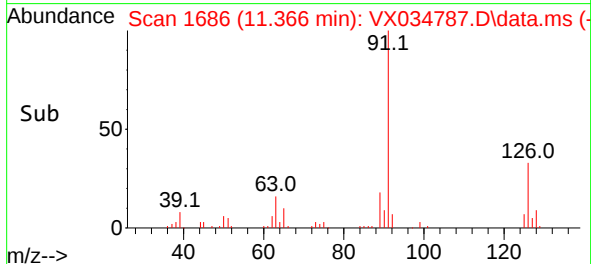
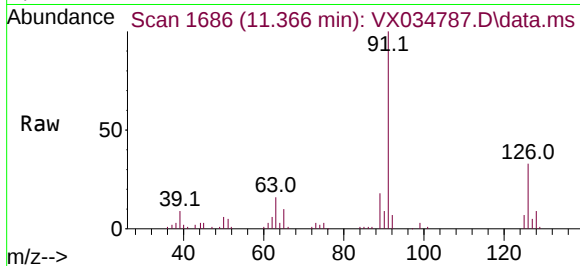
#75
2-Chlorotoluene
Concen: 2.432 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 23782
Ion Ratio Lower Upper
91 100
126 32.6 0.0 66.4

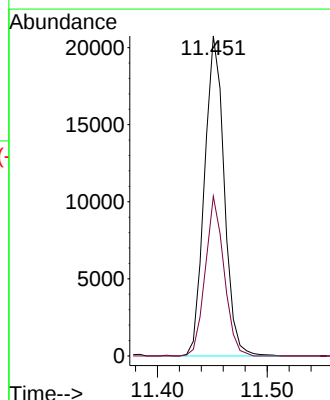
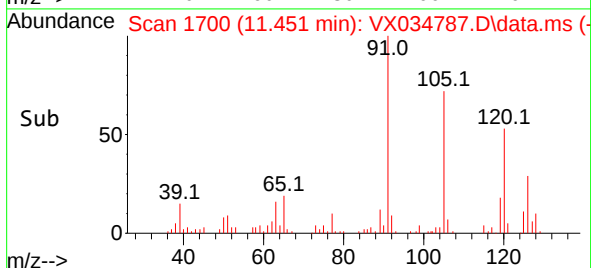
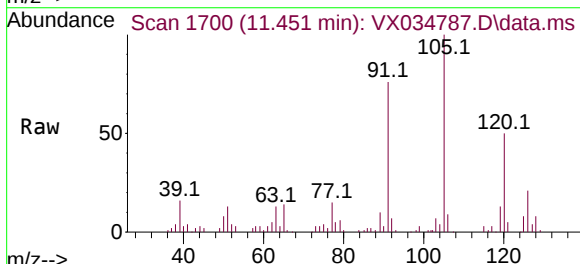
Manual Integrations
APPROVED

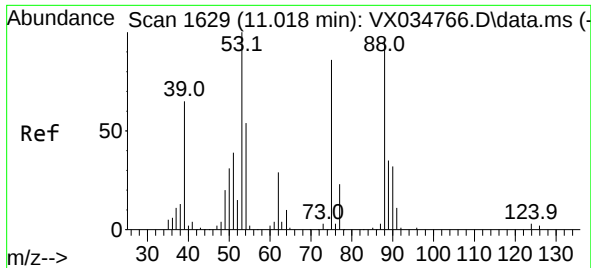
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 2.285 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion:105 Resp: 25917
Ion Ratio Lower Upper
105 100
120 47.5 0.0 96.4





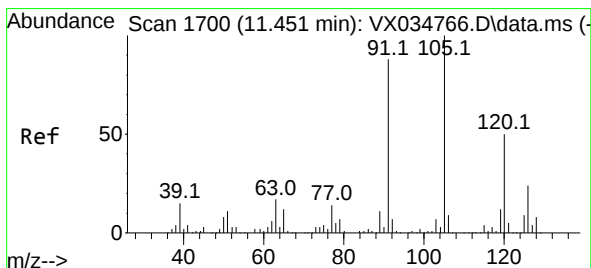
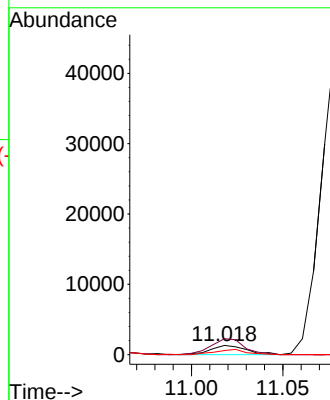
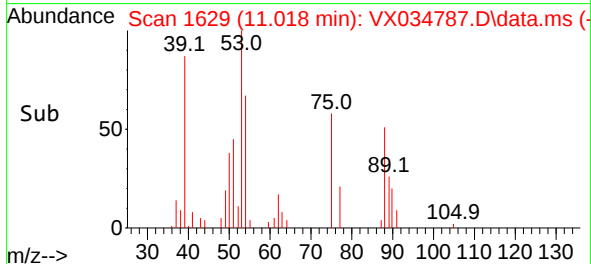
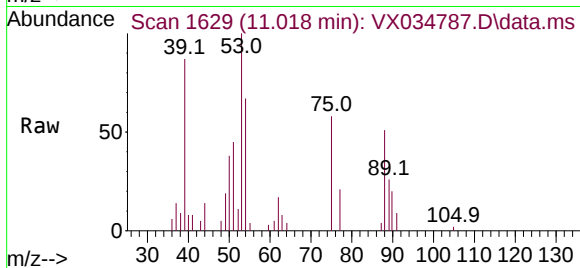
#77
t-1,4-Dichloro-2-butene
Concen: 1.470 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 75 Resp: 182
Ion Ratio Lower Upper
75 100
53 173.7 58.2 174.6
89 44.6 20.6 61.8

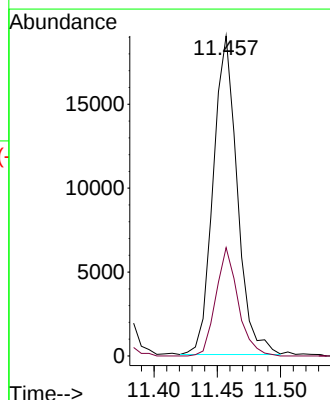
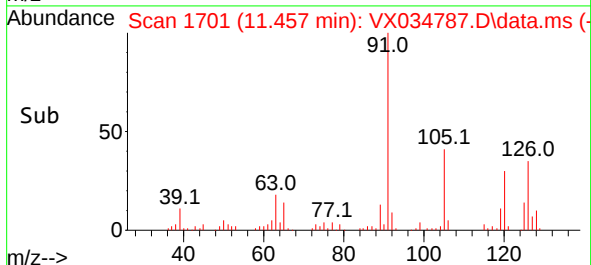
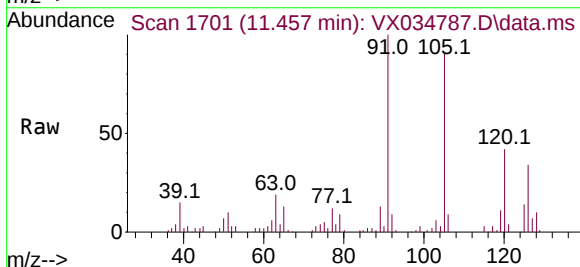
Manual Integrations
APPROVED

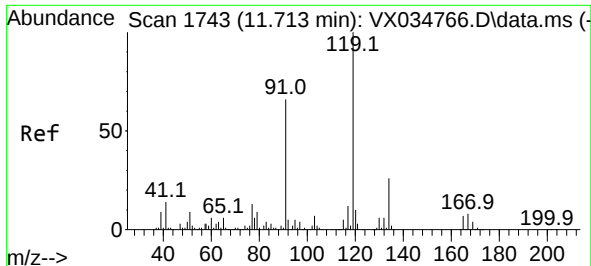
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#78
4-Chlorotoluene
Concen: 2.236 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion: 91 Resp: 25074
Ion Ratio Lower Upper
91 100
126 31.5 0.0 56.8





#79

tert-butylbenzene

Concen: 2.225 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

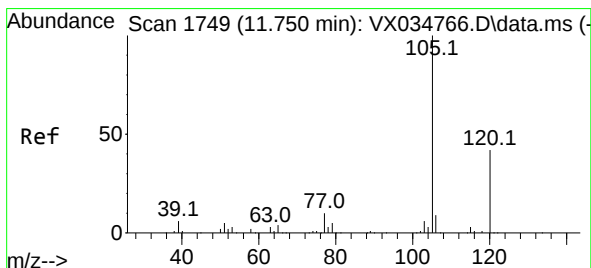
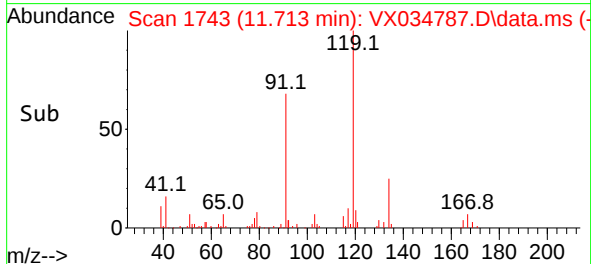
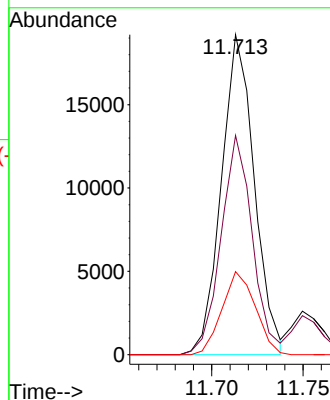
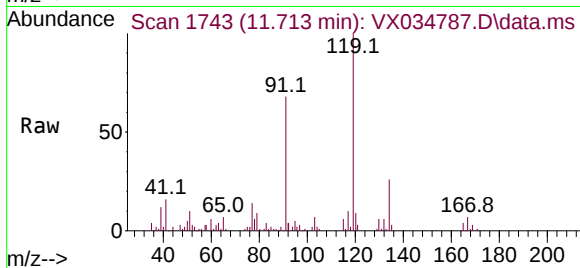
Tgt Ion:	119	Resp:	24090
Ion Ratio	Lower	Upper	
119	100		
91	65.3	0.0	122.4
134	26.3	0.0	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#80

1,2,4-Trimethylbenzene

Concen: 2.277 ug/l

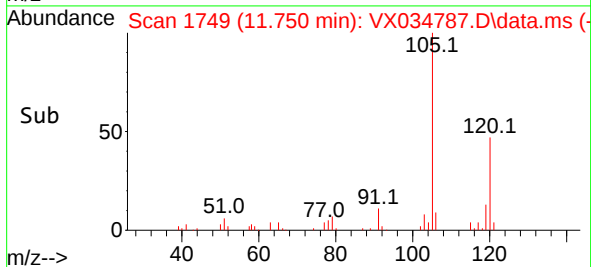
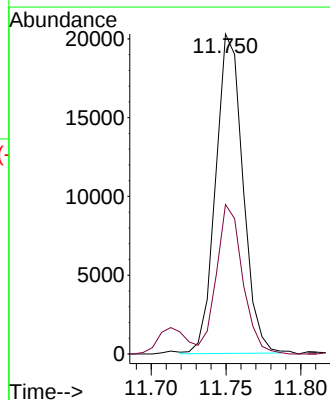
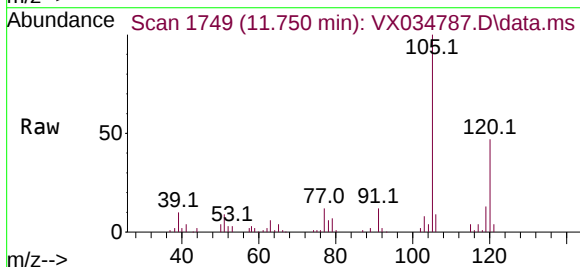
RT: 11.750 min Scan# 1749

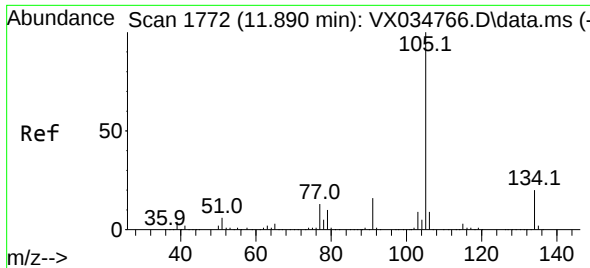
Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

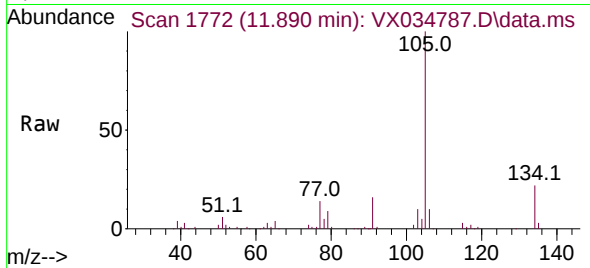
Tgt Ion:	105	Resp:	25670
Ion Ratio	Lower	Upper	
105	100		
120	44.8	0.0	90.4





#81
 sec-Butylbenzene
 Concen: 2.355 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034787.D
 Acq: 28 Mar 2023 12:26

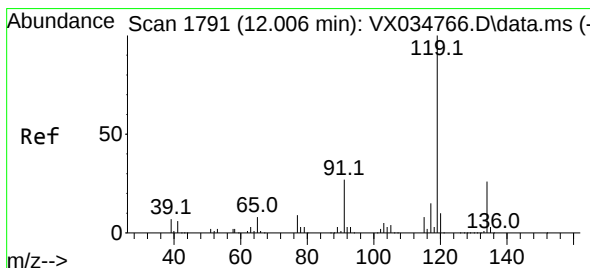
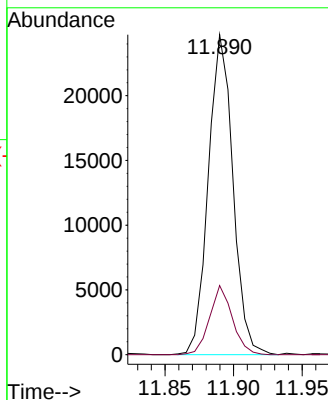
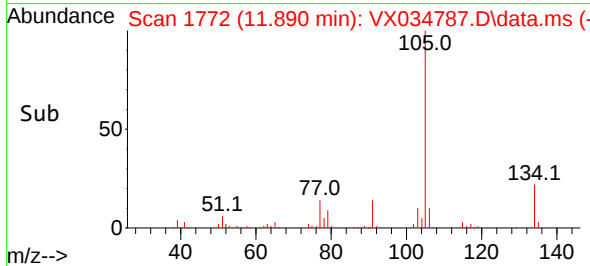
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:105 Resp: 30904
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2

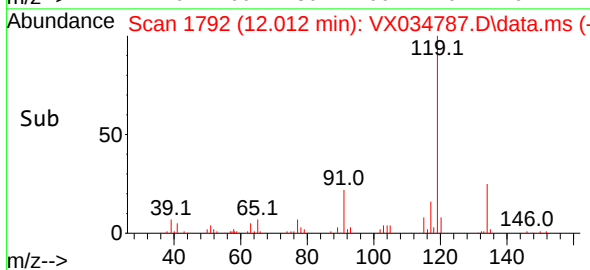
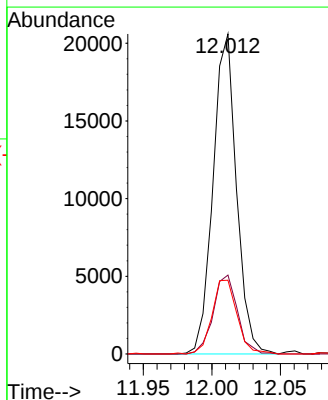
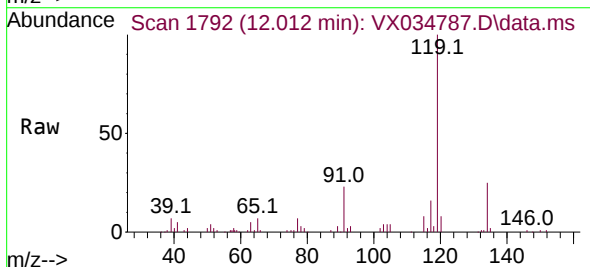
Manual Integrations
 APPROVED

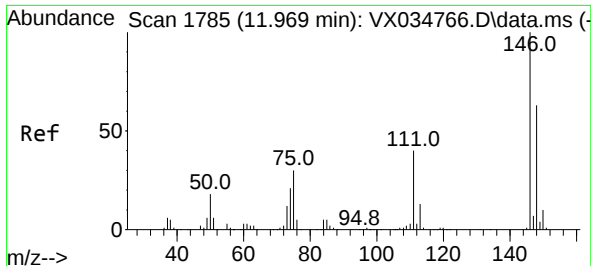
Reviewed By :John Carlone 03/30/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#82
 p-Isopropyltoluene
 Concen: 2.214 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034787.D
 Acq: 28 Mar 2023 12:26

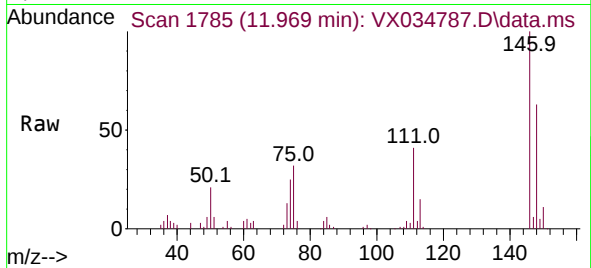
Tgt Ion:119 Resp: 24513
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.2
 91 24.6 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 2.447 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

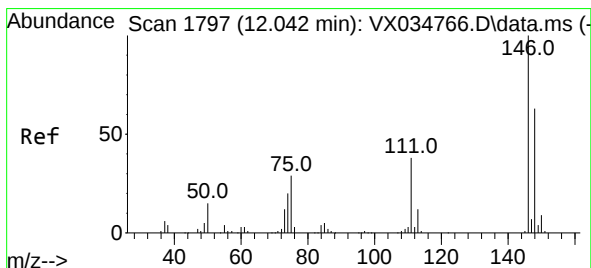
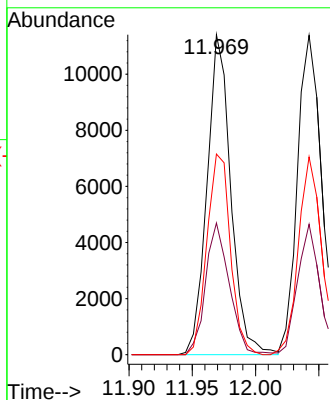
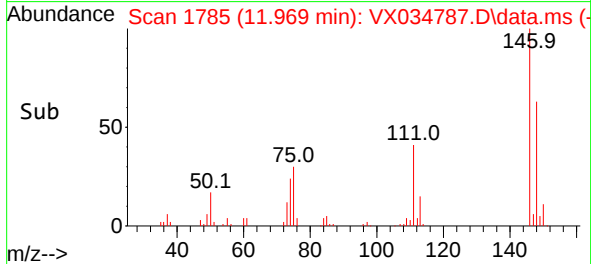
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:146 Resp: 14958
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.9
148 61.9 31.6 94.7

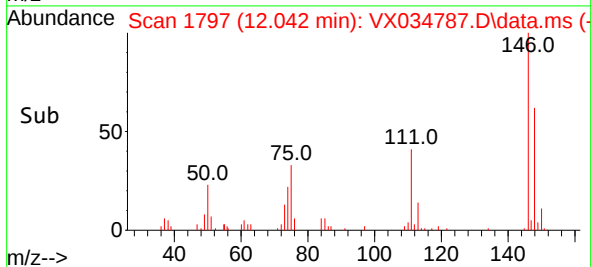
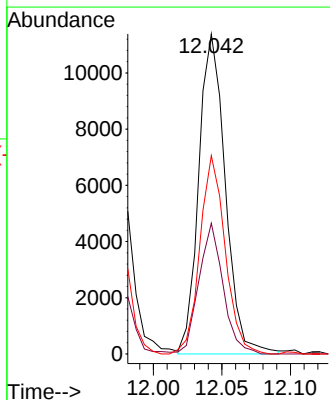
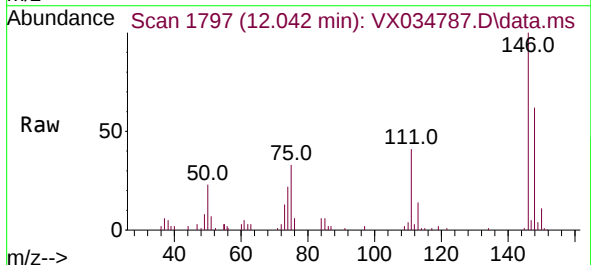
Manual Integrations
APPROVED

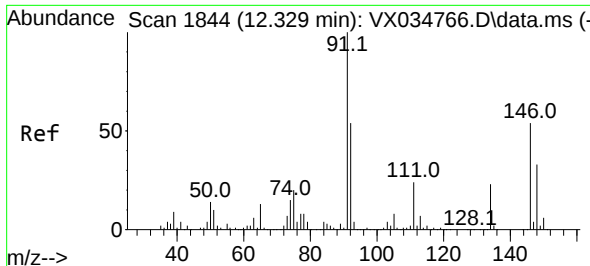
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#84
1,4-Dichlorobenzene
Concen: 2.502 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

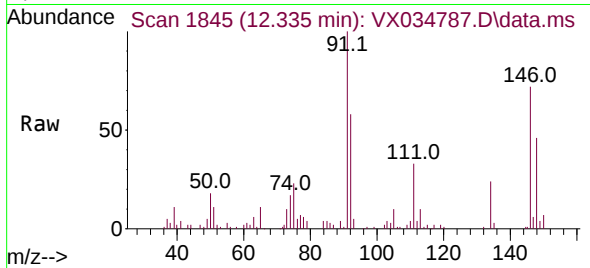
Tgt Ion:146 Resp: 15358
Ion Ratio Lower Upper
146 100
111 37.3 20.3 60.9
148 59.1 31.8 95.3





#85
n-Butylbenzene
Concen: 2.123 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

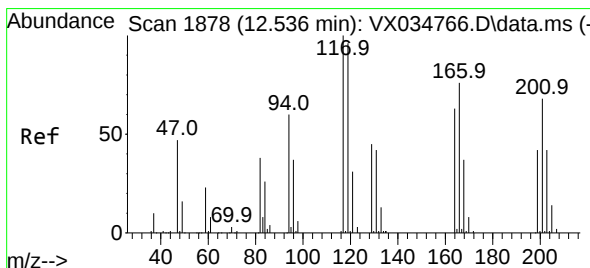
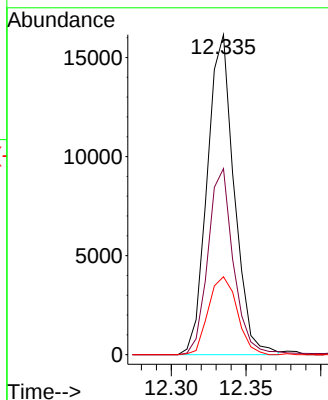
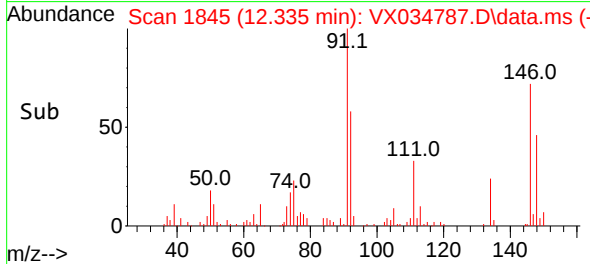
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 91 Resp: 2025
Ion Ratio Lower Upper
91 100
92 55.5 0.0 107.6
134 25.9 0.0 49.8

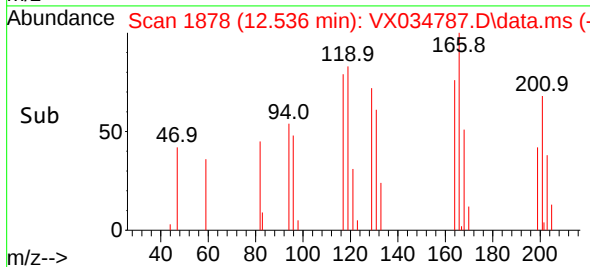
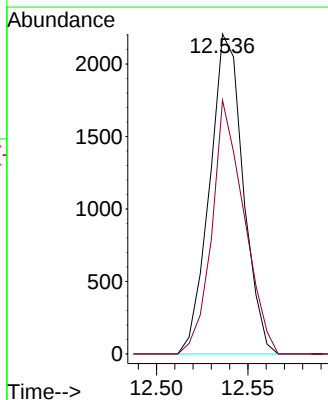
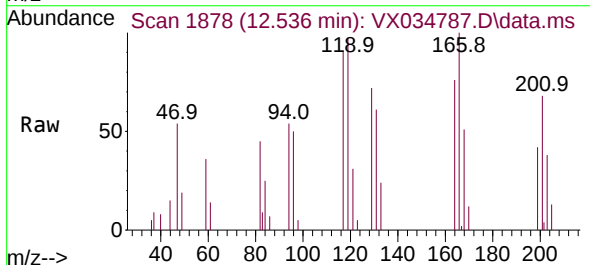
Manual Integrations
APPROVED

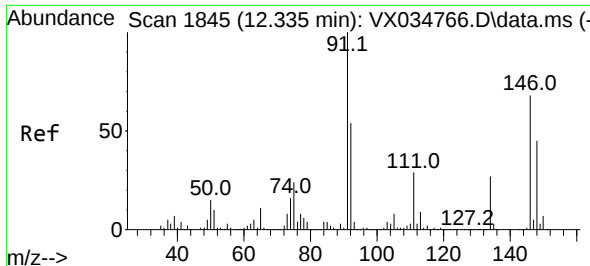
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#86
Hexachloroethane
Concen: 1.552 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

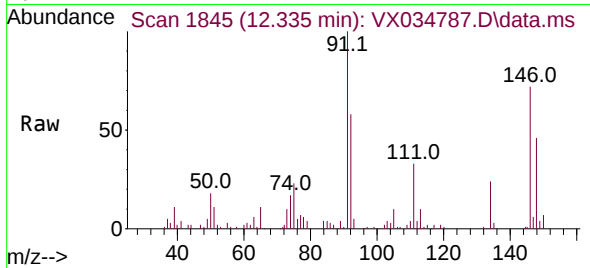
Tgt Ion:117 Resp: 2815
Ion Ratio Lower Upper
117 100
201 75.8 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 2.493 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

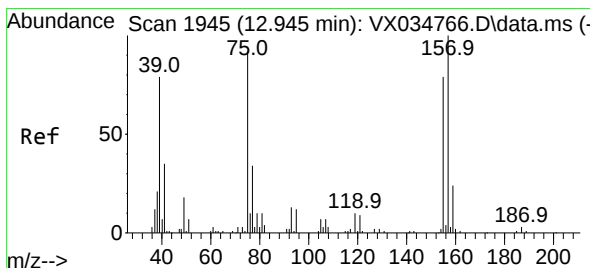
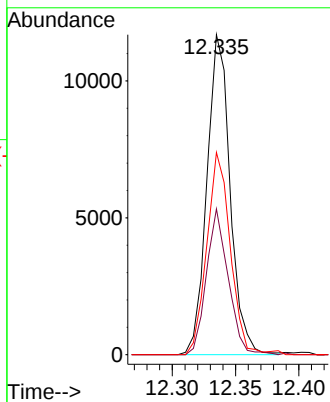
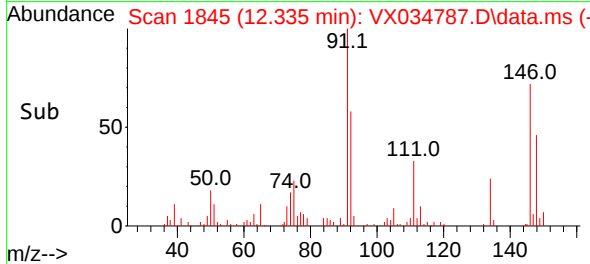
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



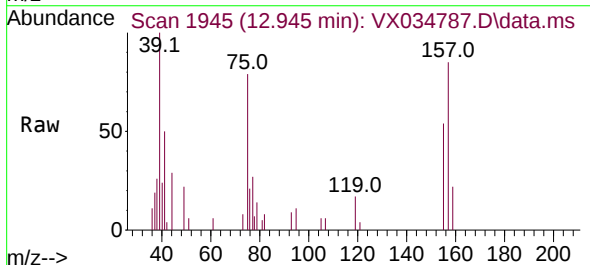
Tgt Ion:146 Resp: 1491
Ion Ratio Lower Upper
146 100
111 42.4 21.3 64.0
148 63.5 31.7 95.1

Manual Integrations
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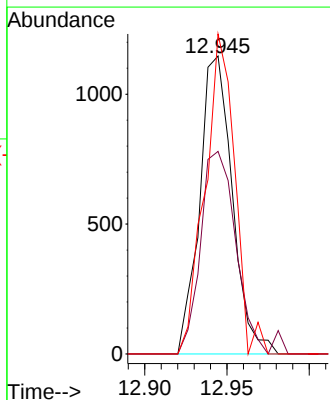
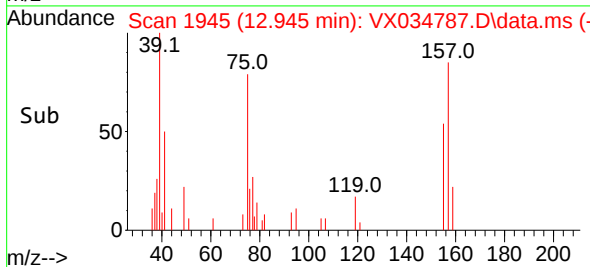
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

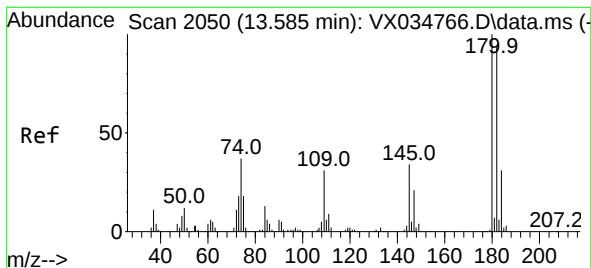


#88
1,2-Dibromo-3-Chloropropane
Concen: 1.639 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26



Tgt Ion: 75 Resp: 1587
Ion Ratio Lower Upper
75 100
155 72.7 63.7 95.5
157 94.8 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 2.289 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

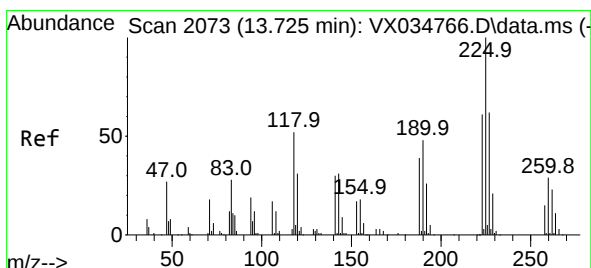
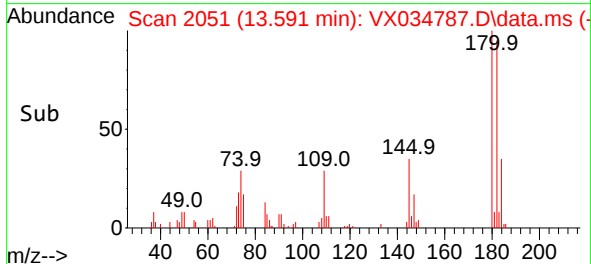
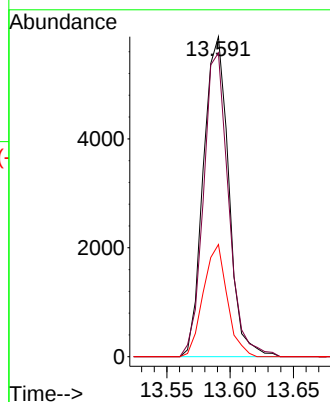
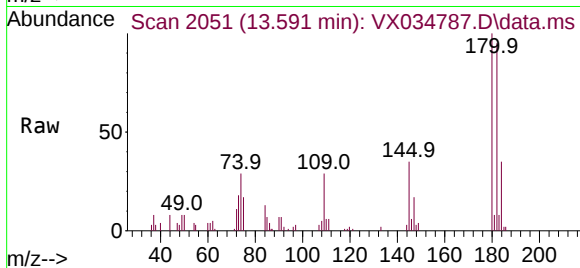
Tgt Ion:	180	Resp:	821
Ion Ratio	Lower	Upper	
180	100		
182	93.6	75.8	113.8
145	33.0	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#90

Hexachlorobutadiene

Concen: 2.827 ug/l

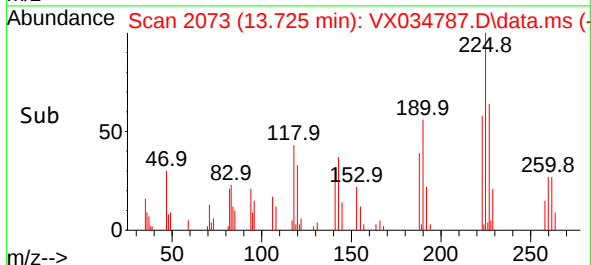
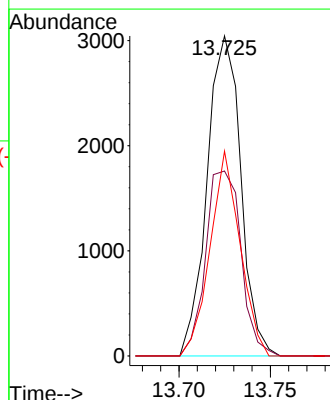
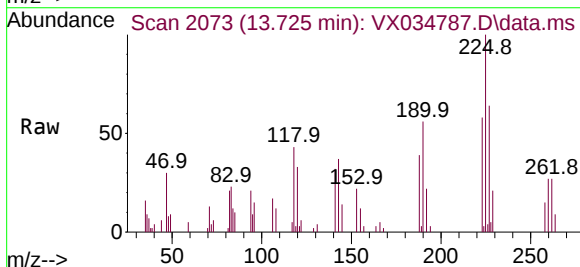
RT: 13.725 min Scan# 2073

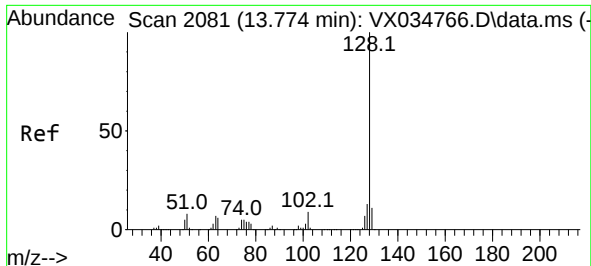
Delta R.T. -0.000 min

Lab File: VX034787.D

Acq: 28 Mar 2023 12:26

Tgt Ion:	225	Resp:	3912
Ion Ratio	Lower	Upper	
225	100		
223	60.5	0.0	124.2
227	56.9	0.0	122.8





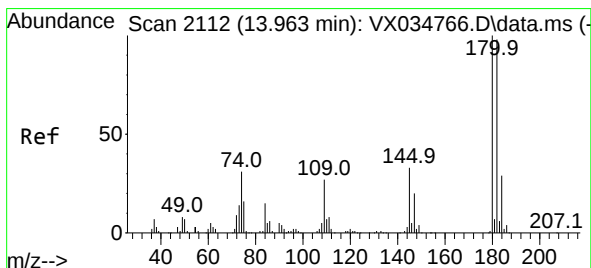
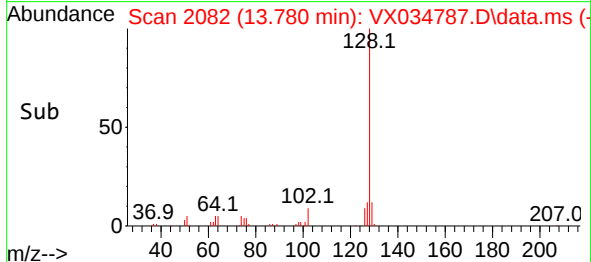
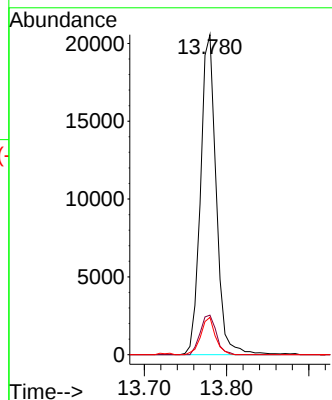
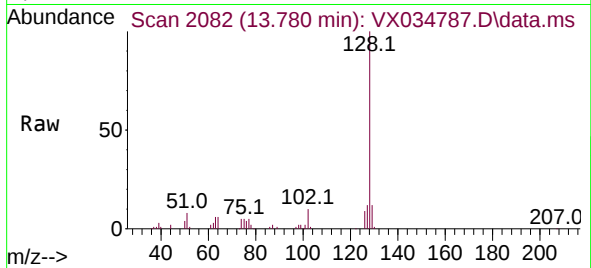
#91
Naphthalene
Concen: 2.143 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:128 Resp: 27170
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 2.348 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034787.D
Acq: 28 Mar 2023 12:26

Tgt Ion:180 Resp: 8421
Ion Ratio Lower Upper
180 100
182 98.0 0.0 191.0
145 31.8 0.0 66.8

